

# INDIANA BUILDING CODE



2003 EDITION  
675 IAC 13-2.4  
*Effective on May 21, 2003*

# 2003 Indiana Building Code

## **Adoption by reference; title; availability; scope; purpose**

Sec. 1. (a) That certain document being titled the 2000 International Building Code, third printing, published by the International Code Council, 5203 Leesburg Pike, Suite 708, Falls Church, Virginia 22041-3401, is hereby adopted by reference as if fully set out in this rule save and except those revisions made in this rule.

(b) This rule is available for review and reference at the Fire and Building Services Department, Indiana Government Center-South, 402 West Washington Street, Room W246, Indianapolis, Indiana 46204. (675 IAC 13-2.4-1) Eff: May 21, 2003

## **Chapter 1; administration**

Sec. 2. Delete Chapter 1 and substitute to read as follows:

### **Section 101 Application**

#### **101.1 Title**

This rule shall be known as the Indiana Building Code, 2003 edition and shall be published, except incorporated documents, by the fire and building services department, for general distribution and use under that title. Wherever the term "this code" is used throughout this rule, it shall mean the Indiana Building Code, 2003 edition.

#### **101.2 Scope and purpose**

(a) The scope and purpose of this code is to establish the minimum requirements for the following:

1. Construction, addition, alteration, erection or assembly of any part of a Class 1 structure at the site where the structure will be used.
2. Installation of any part of the permanent heating, ventilating, air conditioning, electrical, plumbing, sanitary, emergency detection, emergency communication, or fire or explosion suppression systems for a Class 1 structure at the site where it will be used.
3. Work undertaken to alter, remodel, rehabilitate, or

add to any part of a Class 1 structure.

4. Safeguarding life or property from the hazards of fire and explosion for Class 1 structures.

5. Fabrication of any part of a Class 1 industrialized building system for installation, assembly, or use at another site, except mobile structures.

6. Work undertaken to relocate any part of a Class 1 structure, except a mobile structure.

7. Assembly of a Class 1 industrialized building system that is not covered by subdivision 5, except mobile structures.

(b) Detached one and two family dwellings and townhouses not more than three stories high and their accessory structures shall comply with the Indiana Residential Code, 675 IAC 14.

### **101.3 Appendices and Standards**

Provisions in the appendices are not enforceable unless specifically adopted.

The codes and standards referenced in this code shall be considered part of the requirements of this code to the prescribed extent of each such reference. Where differences occur between provisions of this code and referenced codes and standards, the provisions of this code shall apply.

**EXCEPTION:** Where enforcement of a code provision would violate the conditions of the listing, labeling or manufacturer's installation instructions of the equipment or appliance, the conditions of the listing, labeling or manufacturer's instructions shall apply.

### **101.4 Appeals and Interpretations**

Appeals from orders issued by the fire prevention and building safety commission, the office of the state building commissioner or the office of the state fire marshal are governed by IC 4-21.5 and IC 22-12-7. Appeals from orders by a local unit of government are governed by IC 22-13-2-7 and local ordinance. Upon the written request of an interested person who has a dispute with a county or municipal government concerning a building rule, the office of the state building commissioner may issue a written interpretation of a building law. The written

interpretation as issued under IC 22-13-5 binds the interested person and the county or municipality with whom the interested person has the dispute until overruled in a proceeding under IC 4-21.5. A written interpretation of a building law binds all counties and municipalities if the office of the state building commissioner publishes the written interpretation of the building law in the Indiana Register under IC 4-22-7-7(b).

#### 101.5 Plans

Plans shall be submitted for Class 1 structures as required by the General Administrative Rules (675 IAC 12) and the Rules for Industrialized Building Systems (675 IAC 15).

#### 101.6 Existing Construction

For existing Class 1 structures, see the General Administrative Rules (675 IAC 12) and local ordinance.

#### 101.7 Additions and Alterations

Additions and alterations to any Class 1 structure shall conform to that required of a new structure without requiring the existing structure to comply with all the requirements of this code. Additions or alterations shall not cause an existing structure to become unsafe (See the General Administrative Rules (675 IAC 12-4)).

#### 101.8 Alternate Materials, Methods, and Equipment

Alternate materials, methods, equipment, and design shall be as required by the General Administrative Rules (675 IAC 12-6-11) and the rules for Industrialized Building Systems (675 IAC 15). (675 IAC 13-2.4-2) Eff: May 21, 2003 May 21, 2003

## Section 202; definitions

Sec. 3. In Section 202, make the following changes:

(1) Delete the definition of AGRICULTURAL BUILDING.

(2) Delete the definition of APPROVED and substitute to read as follows:

APPROVED as to materials, equipment, design, and types of construction, acceptance by the building official by one (1) of the following methods:

(A) investigation or tests conducted by recognized authorities; or

(B) investigation or tests conducted by technical or scientific organizations;

(C) or accepted principles.

The investigation, tests or principles shall establish that the materials, equipment and types of construction are safe for their intended purpose.

(3) Delete the definition of APPROVED AGENCY.

(4) Delete the definition of APPROVED FABRICATOR.

(5) Delete the definition of AREA OF REFUGE and substitute to read as follows: See Chapter 11.

(6) Add the definition of ASME A17.1 after the definition of AREAWAY to read as follows: ASME A17.1. See the Safety Code for Elevators, Escalators, Manlifts and Hoists (675 IAC 21).

(7) Delete the definition for BUILDING OFFICIAL and substitute to read as follows: BUILDING OFFICIAL. The office of the state building commissioner; the office of the state fire marshal; the local building official authorized under IC 36-7-2-9 and a local ordinance approved by the commission; the fire department authorized under IC 36-8-17.

(8) Add the definition of CLASS 1 STRUCTURE after the definition of CLADDING to read as follows: CLASS 1 STRUCTURE. Refer to IC 22-12-1-4.

(9) Add a definition of CODE OFFICIAL after the definition of CLOSED SYSTEM to read as follows: CODE OFFICIAL. See BUILDING OFFICIAL.

(10) Delete the definition of CONSTRUCTION DOCUMENTS and substitute to read as follows: CONSTRUCTION DOCUMENTS. Documents required to obtain a design release in accordance with the General Administrative Rules (675 IAC 12-6) and the rules for Industrialized Building Systems (675 IAC 15).

(11) Delete the definition of DETECTABLE WARNING.

(12) Delete the following definitions: DWELLING UNIT, GROUND FLOOR; DWELLING UNIT, MULTISTORY; DWELLING UNIT, TYPE A; DWELLING UNIT, TYPE B.

(13) Add the definition of FIRE DEPARTMENT to read as follows: FIRE DEPARTMENT. See BUILDING OFFICIAL.

(14) Delete the definition of HISTORIC BUILDINGS.

(15) Add the definition for ICC ELECTRICAL CODE after the definition of HURRICANE PRONE REGIONS to read as follows: ICC ELECTRICAL CODE. See the Indiana Electrical Code (675 IAC 17).

(16) Delete the definition of INSPECTION CERTIFICATE.

(17) Add the definition of INTERNATIONAL CODES after the definition of INTERLAYMENT to read as follows: INTERNATIONAL CODES. Refers to the rules of the Fire Prevention and Building Safety Commission (675 IAC).

(18) Add definitions to read as follows:

INTERNATIONAL BUILDING CODE refers to the INDIANA BUILDING CODE (675 IAC 13).

INTERNATIONAL FIRE CODE refers to the INDIANA FIRE CODE (675 IAC 22).

INTERNATIONAL MECHANICAL CODE refers to the INDIANA MECHANICAL CODE (675 IAC 18).

INTERNATIONAL FUEL GAS CODE refers to the INDIANA FUELS GAS CODE (675 IAC 25).

INTERNATIONAL ENERGY CONSERVATION CODE refers to the INDIANA ENERGY CONSERVATION CODE (675 IAC 19).

INTERNATIONAL PLUMBING CODE refers to the INDIANA PLUMBING CODE (675 IAC 16).

INTERNATIONAL RESIDENTIAL CODE refers to the INDIANA RESIDENTIAL CODE (675 IAC 14).

(19) Delete the definition of JURISDICTION.

(20) Add the definition of NFPA after the definition of NATURALLY DURABLE WOOD to read as follows: NFPA. See Chapter 35 Referenced Standards.

(21) Delete the definition of PERMIT.

(22) Change the definition of REGISTERED DESIGN PROFESSIONAL to read as follows: REGISTERED DESIGN PROFESSIONAL. An architect who is registered under IC 25-4 or professional engineer who is registered under IC 25-31. If a registered design professional is not required by 675 IAC 12-6 or 675 IAC 15, then it means the owner.

(23) Delete the definition of REPAIR.

(24) Delete the definition of STRUCTURAL OBSERVATION.

(25) Add the definition of TOWNHOUSE after the definition of TIRES, BULK STORAGE OF to read as follows: TOWNHOUSE. A single family dwelling

unit constructed in a row of attached units separated by property lines and with open space on at least two (2) sides, and is regulated by the Indiana Residential Code (675 IAC 14) as a Class 1 structure.

(26) Add the definition of TRAINED PERSONNEL after the definition of TOXIC to read as follows: TRAINED PERSONNEL. One who has undergone the instructions necessary to perform the duties required.

(675 IAC 13-2.4-3) Eff: May 21, 2003 May 21, 2003

## Section 301.1 Scope

Sec. 4. Delete the words "buildings and" and substitute "Class 1". (675 IAC 13-2.4-4) Eff: May 21, 2003 May 21, 2003

### Table 302.1.1; incidental use area

Sec. 5. Change TABLE 302.1.1 INCIDENTAL USE AREAS as follows:

- (1) Change in the SEPARATION column "2 hours", that is across from "Automatic parking garage in other than Group R-3" in the ROOM OR AREA column to read "2 hours or 1 hour and provide automatic fire-extinguishing system".
  - (2) Change in the SEPARATION column "1 hour", that is across from "Laundry rooms over 100 square feet" in the ROOM OR AREA column to read "1 hour or provide automatic fire-extinguishing system".
  - (3) Change in the SEPARATION column "1 hour", that is across from "Storage rooms over 100 square feet" in the ROOM OR AREA column to read "1 hour or provide automatic fire-extinguishing system".
  - (4) In the ROOM OR AREA column, in the "Storage rooms over 110 square feet" add a superscript "b" after "feet" and after footnote "a" and at the bottom of the TABLE add footnote "b" to read as follows: b. See footnote b in TABLE 302.3.3 for exceptions to Groups B and M Occupancies.
- (675 IAC 13-2.4-5) Eff: May 21, 2003 May 21, 2003

### Section 302.3.2; nonseparated uses

Sec. 6. Add an Exception to the end of Section 302.3.2 Nonseparated uses to read as follows: Exception: Unseparated Group A Occupancies shall be permitted within Group E Occupancies complying with the unlimited area provisions of Section 507.2 or Section 507.3. (675 IAC 13-2.4-6) Eff: May 21, 2003 May 21, 2003

### Section 302.3.3; separated uses

Sec. 7. Change Exception 2 to Section 302.3.3 Separated uses as follows: Add a sentence to the end of Exception 2 to read as follows: Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8" Type X gypsum board or equivalent.

(675 IAC 13-2.4-7) Eff: May 21, 2003 May 21, 2003

### TABLE 302.3.3; required separation of occupancies (hours)<sup>a</sup>

Sec. 8. Change the title of TABLE 302.3.3 REQUIRED SEPARATION OF OCCUPANCIES (HOURS)<sup>a</sup> to read as follows: REQUIRED SEPARATION OF OCCUPANCIES (HOURS)<sup>a</sup> and REQUIRED SEPARATION BETWEEN FIRE AREAS WITHIN THE SAME OCCUPANCY CLASSIFICATION. (675 IAC 13-2.4-8) Eff: May 21, 2003 May 21, 2003

### Section 303.1; assembly Group A

Sec. 9. Change Section 303.1 ASSEMBLY GROUP A as follows:

- (1) Add to the end of the A-1 use group the following: Symphony and concert halls.
  - (2) Add to the A-3 use group after the words "Dance halls" the words "not including food or drink consumption".
  - (3) Add to the end of A-4 use group the following: Gymnasiums.
- (675 IAC 13-2.4-9) Eff: May 21, 2003 May 21, 2003

### Section 307.2; definitions

Sec. 10. In section 307.2, make the following changes:

- (1) Delete in Section 307.2 Definitions, the last paragraph in the definition of HIGHLY TOXIC and substitute to read as follows: Mixtures of these materials with ordinary materials, such as water, might not warrant classification as highly toxic.
  - (2) Delete in Section 307.2 Definitions, in the definition of UNSTABLE (REACTIVE) MATERIAL Class 1 the word "which" after the word "can".
- (675 IAC 13-2.4-10) Eff: May 21, 2003 May 21, 2003

### Section 307.4; Group H-2 structures

Sec. 11. Change in Section 307.4 "cryogenic liquids, flammable" to "cryogenic fluids, flammable". (675 IAC 13-2.4-11) Eff: May 21, 2003

### Section 307.5; Group H-3 structures

Sec. 12. Change in Section 307.5 "cryogenic liquids, oxidizing" to "cryogenic fluids, oxidizing". (675 IAC 13-2.4-12) Eff: May 21, 2003

### Sec. 13 RESERVED

### Sec. 14 RESERVED

## **Section 308.2; Group I-2**

Sec. 15. Change the fourth sentence of Section 308.2 Group I-2 to read as follows: A facility such as the above with five (5) or fewer persons shall be classified as a Group R-3 or shall comply with the Indiana Residential Code (675 IAC 14) as a Class 1 structure. (675 IAC 13-2.4-15) Eff: May 21, 2003 May 21, 2003

## **Section 308.3; Group I-2**

Sec. 16. Change the last sentence of Section 308.3 Group I-2 to read as follows: A facility such as the above WITH FIVE (5) OR FEWER PERSONS shall be classified as a Group R-3 or shall comply with the Indiana Residential Code (675 IAC 14) as a Class 1 structure. (675 IAC 13-2.4-16) Eff: May 21, 2003 May 21, 2003

## **Section 308.5.1; adult care facility**

Sec. 17. Add an Exception to Section 308.5.1 Adult care facility to read as follows: Exception: Where the occupants are capable of responding to an emergency situation without physical assistance from the staff, the facility may be classified as a Group A-3. (675 IAC 13-2.4-17) Eff: May 21, 2003 May 21, 2003

## **Section 309.1; mercantile Group M**

Sec. 18. Change in Section 309.1 "motor vehicle service stations" to read "motor fuel dispensing facilities". (675 IAC 13-2.4-18) Eff: May 21, 2003 May 21, 2003

## **Section 310.1; residential Group "R"**

Sec. 19. Change Section 310.1 Residential Group "R" as follows:

- (1) Add to the end of the Group R-3 description a sentence to read as follows: One and two family dwellings and townhouses not more than three (3) stories in height are regulated by the Indiana Residential Code (675 IAC 14) (See Section 101.2).
- (2) Change the last paragraph of the R-4 description to read as follows: Group R-4 occupancies shall meet the requirements for construction as defined for Group R-3 except for the height and area limitations provided in Section 503, or shall comply with the Indiana Residential Code (675 IAC 14) as a Class 1 structure.
- (3) Add to the end of the first paragraph after "24

hours" the words "or bed and breakfast establishment".

(675 IAC 13-2.4-19) Eff: May 21, 2003 May 21, 2003

## **Section 310.2; bed and breakfast establishment**

Sec. 20. Add the definition of BED AND BREAKFAST ESTABLISHMENT to Section 310.2 Definitions before BOARDING HOUSE to read as follows:

BED AND BREAKFAST ESTABLISHMENT.

An operator occupied residence that:

1. provides sleeping accommodations to the public for a fee;
2. Has no more than fourteen (14) guest rooms;
3. Provides breakfast to its guests as part of the fee; and
4. Provides sleeping accommodations for no more than thirty (30) consecutive days to a particular guest.

The term does not include hotels, motels, boarding houses, or food service establishments. The operator may reside within the establishment or on contiguous property. (675 IAC 13-2.4-20) Eff: May 21, 2003 May 21, 2003

## **Section 311.2; moderate-hazard storage**

Sec. 21. Change in Section 311.2 Moderate-hazard storage, Group S-1 "Aircraft Hangars" to read "Aircraft Repair Hangars". (675 IAC 13-2.4-21) Eff: May 21, 2003 May 21, 2003

## **Section 311.3; low-hazard storage**

Sec. 22. Add to the beginning of the list of occupancies before "Asbestos" in Section 311.3 Low-hazard storage, Group S-2 "Aircraft Hangars". (675 IAC 13-2.4-22) Eff: May 21, 2003 May 21, 2003

## **Section 312.1; general**

Sec. 23. Change Section 312.1 General to read as follows: Group U Occupancies shall include buildings or structures, or portions thereof, and shall be classified as follows:

Division 1. Private garages, carports, sheds and agricultural buildings that are Class 1 structures.

Division 2. Tanks and towers that are Class 1 structures.

Agricultural buildings that are not Class 1 structures may be regulated by local ordinance. (675 IAC 13-2.4-23) Eff: May 21, 2003 May 21, 2003

### **Section 402.3; lease plan**

Sec. 24. Delete Section 402.3 Lease Plan. (675 IAC 13-2.4-24) Eff: May 21, 2003 May 21, 2003

### **Section 404.2; use**

Sec. 25. Delete Section 404.2 Use and substitute as follows: See the Indiana Fire Code (675 IAC 22). (675 IAC 13-2.4-25) Eff: May 21, 2003 May 21, 2003

### **Section 405.1; general**

Sec. 26. Delete Exception 1 of Section 405.1 General. (675 IAC 13-2.4-26) Eff: May 21, 2003 May 21, 2003

### **Section 406.2.2; clear height**

Sec. 27. Change Section 406.2.2 Clear height to read as follows: Where a parking tier provides parking spaces for individuals with disabilities or vehicular access to parking spaces for individuals with disabilities the minimum clear height shall not be less than seven foot, six inches (7' 6"). Exception: A lesser clear height may be permitted where the building official approves a mechanical-access parking garage. (675 IAC 13-2.4-27) Eff: May 21, 2003 May 21, 2003

### **Section 406.5; motor vehicle service station**

Sec. 28. Change Section 406.5 to read motor fuel dispensing facilities. (675 IAC 13-2.4-28) Eff: May 21, 2003 May 21, 2003

### **Section 406.5.1; construction**

Sec. 29. Change in Section 406.5.1 "motor vehicle service stations" to read "motor fuel dispensing facilities". (675 IAC 13-2.4-29) Eff: May 21, 2003 May 21, 2003

### **Section 406.6.1; general**

Sec. 30. Change in Section 406.6.1 "motor vehicle service stations" to read "motor fuel dispensing facilities". (675 IAC 13-2.4-30) Eff: May 21, 2003 May 21, 2003

### **Section 412.1.6; accessibility**

Sec. 31. Delete Section 412.1.6 Accessibility. (675 IAC 13-2.4-31) Eff: May 21, 2003 May 21, 2003

### **Section 412.2.3; floor drains**

Sec. 32. Change the last sentence to Section 412.2.3 to read as follows: Floor drains shall discharge through an oil separator to an approved point of discharge. (675 IAC 13-2.4-32) Eff: May 21, 2003 May 21, 2003

### **Section 412.3; residential aircraft hangers**

Sec. 33. Delete Section 412.3 Residential aircraft hangers. (675 IAC 13-2.4-33) Eff: May 21, 2003 May 21, 2003

### **Section 414.1.3; information required**

Sec. 34. Delete Section 414.1.3 Information required and substitute as follows: See the General Administrative Rules (675 IAC 12-6), the Indiana Fire Code (675 IAC 22), and the rules for Industrialized Building Systems (675 IAC 15). (675 IAC 13-2.4-34) Eff: May 21, 2003 May 21, 2003

### **Sec. 35 RESERVED**

### **Sec. 36 RESERVED**

### **Section 415.2; definitions**

Sec. 37. Delete in Section 415.2 Definitions the second and third sentences in the definition of IMMEDIATELY DANGEROUS TO LIFE AND HEALTH (IDLH). (675 IAC 13-2.4-37) Eff: May 21, 2003 May 21, 2003

### **Sec. 38 RESERVED**

### **Section 415.9.6 and Section 415.9.7; piping and tubing and continuous gas detection systems**

Sec. 39. Delete Section 415.9.6 Piping and tubing and Section 415.9.7 Continuous gas detection systems. (675 IAC 13-2.4-39) Eff: May 21, 2003 May 21, 2003

### **Section 417.1; general**

Sec. 40. Change Section 417.1 General to read as follows: A drying room or dry kiln installed within a building shall be constructed entirely of approved noncombustible materials. (675 IAC 13-2.4-40) Eff: May 21, 2003 May 21, 2003



**Section 506.2.2; open space limits**

(675 IAC 13-2.4-43) Eff: May 21, 2003 May 21, 2003

Sec. 41. Add an Exception to Section 506.2.2 Open space limits to read as follows: Exception: A 4-hour fire wall shall be considered equivalent to sixty (60) feet of open space for any building. (675 IAC 13-2.4-41) Eff: May 21, 2003 May 21, 2003

**Section 507.2; sprinklered**

Sec. 42. Change the first paragraph of Section 507.2 to read as follows: The area of a one-story, Group B, E, F, M or S building or a one-story Group A-4 building of other than Type V construction, shall not be limited when the building is provided with an automatic sprinkler system throughout in accordance with Section 903.3.1.1, and is surrounded and adjoined by public ways or yards not less than sixty (60) feet (18,288 mm) in width. (675 IAC 13-2.4-42) Eff: May 21, 2003 May 21, 2003

**Section 507.3; two story**

Sec. 42.5. Change Section 507.3 Two-story to read as follows: The area of a two story, Group B, E, F, M, or S building shall not be limited when the building is provided with an automatic sprinkler system in accordance with Section 903.3.1.1 throughout, and is surrounded and adjoined by public ways or yards not less than sixty (60) feet (18,288 mm) in width. (675 IAC 13-2.4-42.5) Eff: May 21, 2003 May 21, 2003

**Section 507.9; Group A-3 buildings**

Sec. 43. Add Section 507.9 to the end of Section 507 to read as follows: 507.9 Group A-3 buildings. The area of a one-story, Group A-3 building used as a church, community hall, exhibition hall, gymnasium, lecture hall, indoor swimming pool or tennis court of Type I or II construction shall not be limited when all of the following conditions are met:

1. The building shall not have a stage but may have a platform.
2. The building shall be equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1.
3. The assembly floor shall be located at, or within twenty-one (21) inches of grade level and all exits are provided with ramps complying with Section 1003.3.4.
4. The building shall be surrounded and adjoined by public ways or yards not less than sixty (60) feet in width.

**Section 704.9; vertical separation of openings**

Sec. 44. Change Exception 2 of Section 704.9 Vertical separation of openings to read as follows: This section shall not apply to buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 or Section 903.3.1.2. (675 IAC 13-2.4-44) Eff: May 21, 2003 May 21, 2003

**Section 715.5.3.1; penetrations of shaft enclosures**

Sec. 45. Change Section 715.5.3.1 Penetrations of shaft enclosures by deleting in the fourth line of the first paragraph the words "and smoke". (675 IAC 13-2.4-45) Eff: May 21, 2003 May 21, 2003

**Section 716.2.4; stairways**

Sec. 46. Change Section 716.2.4 Stairways to read as follows: Fireblocking shall be provided in concealed spaces between stair stringers at the top and bottom of the run and between studs along and in line with the run of stairs, if the walls under the stairs are unfinished, and shall comply with requirements of Section 1005.3.2.2. (675 IAC 13-2.4-46) Eff: May 21, 2003 May 21, 2003

**Table 719.1(2); rated fire-resistive periods for various walls and partitions**

Sec. 47. (a)Change TABLE 719.1(2) RATED FIRE-RESISTIVE PERIODS FOR VARIOUS WALLS AND PARTITIONS as follows: (Portions of the Table and footnotes not shown do not change)

TABLE 719.1(2)						
RATED FIRE RESISTANCE PERIODS FOR VARIOUS WALLS AND PARTITIONS <sup>a, o, p</sup>						
MATERIAL	ITEM NUMBER	CONSTRUCTION	MINIMUM FINISHED THICKNESS FACE-TO-FACE (inches)			
			4 HR.	3 Hr.	2 Hr.	1 Hr.
	15-1.6 <sup>l,m</sup>	2" by 6" fire-retardant-treated wood studs 16" on center, interior face has two layers of 5/8" Type X gypsum with the base layer placed vertically and attached with 6d box nails 12" on center. The face layer is placed horizontally and attached with 8d box nails 8" on center at joints and 12" on center elsewhere. The exterior face has a base layer of 5/8" Type X gypsum sheathing placed vertically with 6d box nails 8" on center at joints and 12" on center elsewhere. An approved building paper is next applied, followed by self-furred exterior lath attached with 2 1/2", No. 12 gage galvanized roofing nails with a 3/8" diameter head and spaced 6" on center along each stud. Cement plaster consisting of a 1/2" brown coat is then applied. The scratch coat is mixed in the proportion of 1:3 by weight, cement to sand with 10 pounds of hydrated lime and 3 pounds of approved additives or admixtures per sack of cement. The brown coat is mixed in the proportion of 1:4 by weight, cement to sand with the same amounts of hydrated lime and approved additives or admixtures used in the scratch coat.	---	---	8 1/4	---
15. Exterior or interior walls	15-1.7 <sup>l,m</sup>	2" by 6" wood studs 16" on center. The exterior face has a layer of 5/8" Type X gypsum sheathing placed vertically with 6d box nails 8" on center at joints and 12" No. 18 gage self-furred exterior lath attached with 8d by 2 1/2" long galvanized roofing nails spaced 6" on center along each stud. Cement plaster consisting of a 1/2" scratch coat, a bonding agent and a 1/2" brown coat and finish coat is then applied. The scratch coat is mixed in the proportion of 1:3 by weight, cement to sand with 10 pounds of hydrated lime and 3 pounds of approved additives or admixtures per sack of cement. The brown coat is mixed in the proportion of 1:4 by weight, cement to sand with the same amounts of hydrated lime and approved additives or admixtures used in the scratch coat. The interior is covered with 3/8" gypsum lath with 1" hexagonal mesh of 0.035 inch (No. 20 B.W. gage) woven wire lath furred out 5/16" and 1" perlite or vermiculite gypsum plaster. Lath nailed with 1 1/8" by No. 13 gage by 19/64" head plasterboard blued nails spaced 5" on center. Mesh attached by 1 3/4" by No. 12 gage by 3/8" head nails with 3/8" furrings, spaced 8" on center. The plaster mix shall not exceed 100 pounds of gypsum to 2 1/2" cubic feet of aggregate.	---	---	8 3/8	—
	15-1.8 <sup>l,m</sup>	2" by 6" wood studs 15" on center. The exterior face has a layer of 5/8" Type X gypsum sheathing placed vertically with 6d box nails 8" on center at joints and 12" on center elsewhere. An approved building paper is next applied, followed by 1 1/2" by No. 17 gage self-furred exterior lath attached with 8d by 2 1/2" long galvanized roofing nails spaced 6" on center along each stud. Cement plaster consisting of a 1/2" scratch coat, and 1/2" brown coat is then applied. The plaster may be placed by machine. The scratch coat is mixed in the proportion of 1:4 by weight, plastic cement to sand. The brown coat is mixed in the proportion of 1:5 by weight, plastic cement to sand. The interior is covered with 8" gypsum lath with 1" hexagonal mesh of No. 20 gage woven wire lath furred out 5/16" and 1" perlite or vermiculite gypsum plaster. Lath nailed with 1 1/2" by No. 13 gage by 19/64" and head plasterboard blued nails spaced 5" on center. Mesh attached by 1 3/4" by No. 12 gage by 3/8" head nails with 3/8" furrings, spaced 8" on center. The plaster mix shall not exceed 100 pounds of gypsum to 2 1/2 cubic feet of aggregate.	---	---	8 3/8	—
	15-1.12 <sup>q</sup>	2" by 6" wood studs at 16" centers with double top plates, single bottom plate; interior and exterior sides covered with 5/8" Type X gypsum wallboard, 4 feet	---	---	---	6 3/4

		wide, applied horizontally or vertically with vertical joints over studs, and fastened with 2 1/4" Type S drywall screws, spaced 12" on center. Cavity filled with 4 1/2" mineral wool insulation.				
	15-1.13 <sup>q</sup>	2" by 5" wood studs at 16" centers with double top plates, single bottom plate; interior and exterior sides covered with 5/8" Type X gypsum wallboard, 4 feet wide, applied horizontally or vertically with vertical joints over studs, and fastened with 2 1/4" Type S drywall screws, spaced 7" on center.	---	---	---	6 3/4
	15-1.14 <sup>q</sup>	2" by 4" wood studs at 16" centers with double top plates, single bottom plate; interior and exterior sides covered with 5/8" Type X gypsum wallboard and sheathing, respectively, 4 feet wide, applied horizontally or vertically with vertical joints over studs, and fastened with 2 1/4" Type S drywall screws, spaced 12" on center. Cavity to be filled with 3 1/2" mineral wool insulation.	---	---	---	4 3/4

(b) Add footnote <sup>q</sup> to read as follows:

<sup>q</sup> The design stress of studs shall be equal to a maximum of 100 percent of the allowable  $F_c$  calculated in accordance with Section 2306.

(675 IAC 13-2.4-47) Eff: May 21, 2003 May 21, 2003

#### **Section 720.3.4; concrete masonry lintels**

Sec. 48. Change in Section 720.3.4 Concrete masonry lintels "by approved alternate methods" to read "as approved by the building official". (675 IAC 13-2.4-48) Eff: May 21, 2003 May 21, 2003

#### **Section 720.3.5; concrete masonry columns**

Sec. 49. Change in Section 720.3.5 Concrete masonry columns "by approved alternate methods" to read "as approved by the building official". (675 IAC 13-2.4-49) Eff: May 21, 2003 May 21, 2003

**Section 801.1.3; applicability**

Sec. 50. Delete Section 801.1.3 Applicability. (675 IAC 13-2.4-50) Eff: May 21, 2003 May 21, 2003

**Section 805; decorations and trim**

Sec. 51. Delete Section 805 Decorations and trim., and substitute "See the Indiana Fire Code (675 IAC 22)". (675 IAC 13-2.4-51) Eff: May 21, 2003 May 21, 2003

### **Section 901.3; modifications**

Sec. 52. Change Section 901.3 Modifications to read as follows: No person shall remove or modify any fire protection system installed or maintained in accordance with the rules of the commission without notifying the servicing fire department prior to receiving approval from the building official. (675 IAC 13-2.4-52) Eff: May 21, 2003 May 21, 2003

### **Section 901.5; acceptance tests**

Sec. 53. Delete Section 901.5 Acceptance tests and substitute to read as follows: 901.5 Acceptance tests. Fire protection systems shall be tested in accordance with the rules of the commission at the expense of the owner or owner's representative. When requested by the building official, such tests shall be conducted in their presence. Prior to conducting such tests, the local building official shall be given at least 48-hour notice. It shall be unlawful to occupy portions of a structure until the required fire protection systems within that portion of the structure have been completed, successfully tested and fully operational with appropriate contractor's material and test certificates filled out in full and provided to the building official. (675 IAC 13-2.4-53) Eff: May 21, 2003 May 21, 2003

### **Section 901.6.1; automatic sprinkler systems**

Sec. 54. Delete Exception 1 to Section 901.6.1 Automatic sprinkler systems. (675 IAC 13-2.4-54) Eff: May 21, 2003 May 21, 2003

### **Section 902; definitions**

Sec. 55. Change Section 902 Definitions as follows:  
(1) Add the definition of Labeled after Listed to read as follows: LABELED. Equipment or materials to which has been attached a label, symbol, or other identifying mark of an organization engaged in product evaluation, that maintains periodic inspection of production of labeled equipment or materials and by whose labeling the manufacturer indicates compliance with appropriate standards or performance in a specified manner.  
(2) Delete the definition of RECORD DRAWINGS. (675 IAC 13-2.4-55) Eff: May 21, 2003 May 21, 2003

### **Section 903.2.5; Group I**

Sec. 56. Change Section 903.2.5 Group A-3 as follows:

(1) Change "Exception" to read "Exception 1:".

(2) Add Exception 2 to read as follows: Exception 2: In jails, prisons and reformatories, the piping system may be dry, provided a manually operated valve is installed at a continuously monitored location. Opening the valve will cause the system to be charged. The valve may be located in a locked cabinet or enclosure provided the activation of a sprinkler unlocks the cabinet or enclosure. (675 IAC 13-2.4-56) Eff: May 21, 2003 May 21, 2003

### **Section 903.3.1.1.1; exempt locations**

Sec. 57. Change Section 903.3.1.1.1 Exempt Locations as follows: Delete the text of item 5 and substitute the following: Elevator equipment rooms and hoistways used exclusively for the operation of elevators and which are separated from the remainder of the building by two (2) hour fire-resistive construction. Penetrations between machine rooms and hoistways necessary for the safe operation of an elevator and vents required by Section 3004 of this code need not be fire-rated. (675 IAC 13-2.4-57) Eff: May 21, 2003 May 21, 2003

### **Section 903.3.1.3; NFPA 13D sprinkler systems**

Sec. 58. Delete Section 903.3.1.3 NFPA 13D Sprinkler Systems. (675 IAC 13-2.4-58) Eff: May 21, 2003 May 21, 2003

### **Section 903.3.5.1.1; limited area sprinkler systems**

Sec. 59. Change in the Exception for Section 903.3.5.1.1 Limited area sprinkler systems "an approved" to "a listed". (675 IAC 13-2.4-59) Eff: May 21, 2003 May 21, 2003

### **Section 903.3.6; hose threads**

Sec. 60. Change Section 903.3.6 Hose threads to read as follows: Fire hose threads used in connection with automatic sprinkler systems shall be compatible with the equipment used by the servicing fire department. (675 IAC 13-2.4-60) Eff: May 21, 2003 May 21, 2003

### **Section 903.3.7; fire department connections**

Sec. 61. Change Section 903.3.7 Fire department connections to read as follows: The servicing fire department shall be consulted before placing the fire department hose connections at specific locations, when

there is no local ordinance specifying locations or the connections shall be placed as required by local ordinance. (675 IAC 13-2.4-61) Eff: May 21, 2003 May 21, 2003

#### **Section 903.4; sprinkler system monitoring and alarms**

Sec. 62. Delete Exception 1 to Section 903.4 Sprinkler systems monitoring and alarms and substitute: See Section 101.2. (675 IAC 13-2.4-62) Eff: May 21, 2003 May 21, 2003

#### **Section 903.4.2; alarms**

Sec. 63. Change Section 903.4.2 Alarms to read as follows: Listed audible and visible devices shall be connected to every automatic sprinkler system. Such sprinkler water-flow alarm devices shall be activated by water flow equivalent to the flow of a single sprinkler of the smallest orifice size installed in the system. Alarm devices shall be provided on the exterior of the building facing the public street, road or highway that is in accordance with its legal address. Where buildings are not directly facing the public street, road, highway or are in excess of 250 feet from the public street, road or highway, the servicing fire department shall be consulted in determining a location prior to the installation of the exterior audible and visible device. Where a fire alarm system is installed, actuation of the automatic sprinkler system shall actuate the building fire alarm system.

Exception: Sprinkler systems which are monitored by an approved supervisory station are not required to have the listed audible and visible device located on the exterior wall facing the public street, road or highway. (675 IAC 13-2.4-63) Eff: May 21, 2003 May 21, 2003

#### **Section 903.4.3; floor control valves**

Sec. 64. Change Section 903.4.3 Floor control valves as follows:

- (1) Change "approved" to "a listed".
- (2) Change "high-rise buildings" to "buildings four
- (4) stories or more in height".

(675 IAC 13-2.4-64) Eff: May 21, 2003 May 21, 2003

#### **Section 904.1; general**

Sec. 65. Change Section 904.1 General to read as follows: Automatic fire-extinguishing systems, other than automatic sprinkler systems, shall be designed,

installed, and tested in accordance with the provisions of this section and the applicable reference standards, as stated in this code. (675 IAC 13-2.4-65) Eff: May 21, 2003 May 21, 2003

#### **Section 904.2.1; hood suppression systems**

Sec. 66. Delete in the third line of Section 904.2.1 Hood suppression systems the words "the International Fire Code or". (675 IAC 13-2.4-66) Eff: May 21, 2003 May 21, 2003

#### **Section 904.11; commercial cooking systems**

Sec. 67. Delete the last sentence of Section 904.11 Commercial cooking systems and substitute as follows: Automatic fire-extinguishing systems shall be installed in accordance with the Indiana Mechanical Code (675 IAC 18). (675 IAC 13-2.4-67) Eff: May 21, 2003 May 21, 2003

#### **Section 904.11.1, Section 904.11.2, Section 904.11.3, Section 904.11.4, and Section 904.11.4.1; manual system operation, system interconnection, carbon dioxide systems, ventilation systems, special provisions for automatic sprinkler systems, and listed sprinklers**

Sec. 68. Delete Sections 904.11.1, 904.11.2, 904.11.3, 904.11.3.1, 904.11.4 and 904.11.4.1 Manual system operation, System interconnection, Carbon dioxide systems, ventilation systems, Special provisions for automatic sprinkler systems, Listed sprinklers and substitute: "See the Indiana Mechanical Code (675 IAC 18). (675 IAC 13-2.4-68) Eff: May 21, 2003 May 21, 2003

#### **Section 905.2.2.1; fire department connections**

Sec. 69. Add Section 905.2.1 after 905.2 to read as follows: 905.2.1 Fire Department connections. The location of fire department connections shall be in accordance with Section 903.3.7. (675 IAC 13-2.4-69) Eff: May 21, 2003 May 21, 2003

#### **Section 905.3.5.1; hose and cabinet**

Sec. 70. Delete Section 905.3.5.1 Hose and cabinet and substitute to read as follows: Proper cap and chain shall be provided for the hose connection valve assembly. Hose connection valve assembly shall comply with the provisions in Section 903.3.6. (675



IAC 13-2.4-70) Eff: May 21, 2003 May 21, 2003

#### **Section 905.4; location of Class I standpipe hose connections**

Sec. 71. Change Section 905.4 Location of Class I standpipe hose connections as follows:

(a) Delete item 1 and substitute as follows: 1. In every required stairway, a hose connection shall be provided for each floor level above or below grade. Hose connections shall be located at an intermediate floor level landing between floors. Where there are multiple intermediate floor landings between floors, hose connections shall be located at the landing closest to being midway between floors. If intermediate floor level landings are not provided in the required stairway, the hose connection shall be located on the floor-level landing.

(b) Delete item 6 and substitute as follows: 6. Where the most remote portion of a non-sprinklered floor or story exceeds one hundred fifty (150) feet (forty-five (45) meters) of travel distance from a required exit or the most remote portion of a sprinklered floor or story exceeds two hundred (200) feet (sixty-one (61) meters) of travel distance from a required exit, additional hose connections shall be provided in approved locations.

(675 IAC 13-2.4-71) Eff: May 21, 2003 May 21, 2003

#### **Section 905.8; dry standpipes**

Sec. 72. Change Section 905.8 Dry standpipes to read as follows: In buildings requiring standpipes, dry standpipes complying with NFPA 14 are permitted when the building or structure is unheated and the standpipe is subject to freezing temperatures. (675 IAC 13-2.4-72) Eff: May 21, 2003 May 21, 2003

#### **Section 907.1.1; construction documents**

Sec. 73. Delete Section 907.1.1 Construction documents and substitute to read as follows: See the General Administrative Rules (675 IAC 12-6). (675 IAC 13-2.4-73) Eff: May 21, 2003 May 21, 2003

#### **Section 907.2.1.1; systems initiation in Group A occupancies with an occupant load of 1,000 or more**

Sec. 74. Delete the Exception to Section 907.2.1.1 System initiation in Group A occupancies with an occupant load of 1,000 or more. (675 IAC 13-2.4-74) Eff: May 21, 2003 May 21, 2003

#### **Section 907.2.3; Group E**

Sec. 75. Change Section 907.2.3 Group E as follows:

(1) Delete Exception 2.3 and substitute to read as follows: 2.3 Shops and laboratories involving dust or vapors are protected by heat detectors or other listed detection devices.

(2) Delete in Exception 2.6 the words ", except in locations specifically designated by the building official".

(675 IAC 13-2.4-75) Eff: May 21, 2003 May 21, 2003

#### **Section 907.2.10.1.1.1; R1 hotels and motels**

Sec. 76. Add section 907.2.10.1.1.1 after section 907.2.10.1.1 as follows: 907.2.10.1.1.1 R1 Hotels and Motels.

(1) This section only applies to hotels and motels.

(2) All hotels and motels must have functional smoke detectors, and comply with this section and section 907.2.10.1.1.

(3) Except as provided in (6), a detector must be installed in all interior corridors adjacent to sleeping rooms and must be spaced no further apart than thirty (30) feet on center or more than fifteen (15) feet from any wall.

(4) The detectors must be hard wired into a building's electrical system, except as provided in (6).

(5) The detectors must be wired in a manner that activates all the devices in a corridor when one is activated, except as provided in (6).

(6) All single level dwellings, all seasonably occupied dwellings, and all hotels and motels with twelve (12) sleeping rooms or less (and containing no interior corridors) are exempt from the requirements of (3), (4), and (5). In such units:

(A) a detector must be installed in each sleeping room; and

(B) the detector may be battery operated, when allowed by section 907.2.10.2.

If a battery operated detector is installed, it must contain a tamper resistant cover to protect the batteries. For the purpose of section 907.2.10.1.1.1, the following definitions shall apply:

DWELLING means a residence with at least one (1) dwelling unit as set forth in IC 22-12-1-4(a)(1)(B) and IC 22-12-1-5(a)(1).

HOTELS AND MOTELS means buildings or structures kept, maintained, used, advertised, or held out to the public as inns or places where sleeping accommodations are furnished for hire for transient guest.

SEASONALLY OCCUPIED DWELLINGS means hotels and motels open to the public for occupancy by guests only during any period of time between April 15 and October 15 each year.

SINGLE LEVEL DWELLING means all single level (no more than one (1) level above ground) hotels and motels that have no interior corridors, and whose individual rooms have exterior exits.

(675 IAC 13-2.4-76) Eff: May 21, 2003 May 21, 2003

#### **Section 907.2.10.1.2; Groups R-2, R-3R-4 and I-1**

Sec. 77. In Section 907.2.10.1.2 Groups R-2, R-3, R-4 and I-1, delete the words "and maintained". (675 IAC 13-2.4-77) Eff: May 21, 2003 May 21, 2003

#### **Section 907.2.10.1.4; exceptions**

Sec. 78. Change the Exception to Section 907.2.10.1.4 to read as follows: Exception: Repairs are exempt from the requirements of this section. (675 IAC 13-2.4-78) Eff: May 21, 2003

#### **Section 907.7; presignal system**

Sec. 79. Delete Section 907.7 Presignal system. (675 IAC 13-2.4-79) Eff: May 21, 2003

#### **Section 907.8.1; zoning indicator panel**

Sec. 80. Change Section 907.8.1 Zoning indicator panel to read as follows: A zoning indicator panel and associated controls shall be provided in a location the servicing fire department will use as their main entrance point in the building. The panel shall be identifiable and accessible at all times. The visual zone indication shall lock in until the system is reset and shall not be canceled by the operation of an audible alarm-silencing switch. (675 IAC 13-2.4-80) Eff: May 21, 2003 May 21, 2003

#### **Section 907.14; monitoring**

Sec. 81. Change Section 907.14 Monitoring to read as follows: Where required by this chapter, an approved supervising station shall monitor fire alarm systems or an approved local ordinance may contain these requirements. (675 IAC 13-2.4-81) Eff: May 21, 2003 May 21, 2003

#### **Section 907.15; automatic telephone dialing devices**

Sec. 82. Change Section 907.15 Automatic

telephone-dialing devices to read as follows: Automatic telephone-dialing devices used to transmit an emergency alarm shall not be connected to any fire department telephone number unless approved by the building official. (675 IAC 13-2.4-82) Eff: May 21, 2003 May 21, 2003

#### **Sections 907.17 and 907.18; record of completion and instructions**

Sec. 83. Delete Section 907.17 Record of completion and Section 907.18 Instructions. (675 IAC 13-2.4-83) Eff: May 21, 2003 May 21, 2003

#### **Section 909.2; general design requirements**

Sec. 84. Change Section 909.2 General design requirements to read as follows: Buildings, structures or parts thereof required by this code to have a smoke control system or systems shall have such systems designed in accordance with the applicable requirements of Section 909 and the generally accepted and well-established principles of engineering relevant to the design. Construction documents shall be as required by the General Administrative Rules (675 IAC 12-6) and the rules for Industrialized Building Systems (675 IAC 15). (675 IAC 13-2.4-84) Eff: May 21, 2003 May 21, 2003

#### **Section 909.3; special inspection and test requirements**

Sec. 85. Delete Section 909.3 Special inspection and test requirements and substitute to read as follows: For special inspections and testing, see the General Administrative Rules [675 IAC 12-6-6(c)(10)(D)]. (675 IAC 13-2.4-85) Eff: May 21, 2003

#### **Section 909.10.2; ducts**

Sec. 86. Add in the third sentence of Section 909.10.2 Ducts the word "approved" after "with" and before "nationally". (675 IAC 13-2.4-86) Eff: May 21, 2003

#### **Section 909.15; control diagrams**

Sec. 87. Change Section 909.15 Control diagrams to read as follows: Identical control diagrams showing all devices in the system and identifying their location and function shall be maintained current and kept on file with the servicing fire department and in the fire

command center in an approved manner and format. (675 IAC 13-2.4-87) Eff: May 21, 2003

**Section 909.18.8, Section 909.18.1, Section 909.18.8.2, Section 909.18.8.3, Section 909.18.8.3.1 and Section 909.18.9; special inspections for smoke control, scope of testing, qualifications, reports, report filing, identification and documentation**

Sec. 88. Delete sections 909.18.8 Special inspections for smoke control; 909.18.8.1 Scope of testing; 909.18.8.2 Qualifications; 909.18.8.3 Reports; 909.18.8.3.1 Report filing; 909.18.9 Identification and documentation and substitute: See the General Administrative Rules (675 IAC 12-6-6(c)(10)(D)). (675 IAC 13-2.4-88) Eff: May 21, 2003

**Section 909.19; system acceptance**

Sec. 89. Delete the title and text of Section 909.19 System acceptance and substitute to read as follows: 909.19 Acceptance test. Smoke removal systems shall be tested in accordance with the rules of the commission at the expense of the owner or owner's representative. When requested by the building official, such tests shall be conducted in the presence of the building official. Prior to conducting such tests, the building official shall be given at least 48-hour notice. It shall be unlawful to occupy portions of the structure until the required smoke removal system within that portion of the structure has been completed, successfully tested and fully operational with appropriate reports and other documentation provided to the building official. (675 IAC 13-2.4-89) Eff: May 21, 2003

**Section 909.20.6.3; acceptance and testing**

Sec. 90. Delete the title and text of Section 909.20.6.3 Acceptance and testing, and substitute to read as follows: 909.20.6.3 Acceptance test. Mechanical ventilation systems shall be tested in accordance with the rules of the commission at the expense of the owner or owner's representative. When requested by the building official, such tests shall be conducted in the presence of the building official. Prior to conducting such tests, the building official shall be given at least 48-hour notice. It shall be unlawful to occupy portions of the structure until the mechanical ventilation system within that portion of the structure has been completed, successfully tested and fully operational. (675 IAC 13-2.4-90) Eff: May 21, 2003

**Section 910.2.1; Groups F-1 and S-1**

Sec. 91. Add an Exception to the end of Section 910.2.1 Groups F-1 and S-1 to read as follows: Exception: Group S-1 Aircraft Repair Hangars. (675 IAC 13-2.4-91) Eff: May 21, 2003

**Section 910.3.1.2; sprinklered buildings**

Sec. 92. Delete Section 910.3.1.2 Sprinklered buildings and substitute to read as follows: Where installed in buildings provided with approved automatic sprinkler system, smoke and heat vents shall open by approved manual releases. The servicing fire department shall be consulted in determining the location of such manual releases prior to the installation of the smoke and heat vents. (675 IAC 13-2.4-92) Eff: May 21, 2003

**Section 910.3.4; curtain boards**

Sec. 93. Add an Exception to the end of Section 910.3.4 Curtain boards to read as follows: Exception: Where areas of buildings are equipped with early suppression-fast response (ESFR) sprinklers, draft curtains shall not be provided within these areas. Draft curtains shall only be provided at the separation between the ESFR sprinklers and the conventional sprinklers and in other areas as required by this section. (675 IAC 13-2.4-93) Eff: May 21, 2003

**Section 910.4; automatic sprinkler system**

Sec. 94. Delete Section 910.4 and substitute to read as follows: In buildings protected throughout with an approved automatic sprinkler system, manually operated exhaust fans may be utilized for fire department mop-up operations. The exhaust rate shall be equal to 1 cfm per square foot of floor area. The fans shall be wired ahead of the main building disconnect switch. Manual controls for the fans shall be provided individually for each fan unit. The servicing fire department shall be consulted in determining the location of the controls for the exhaust fans. (675 IAC 13-2.4-94) Eff: May 21, 2003

### **Section 1001.2; minimum requirements**

Sec. 95. Delete Section 1001.2 Minimum requirements and substitute to read as follows: See the General Administrative Rules (675 IAC 12-4). (675 IAC 13-2.4-95) Eff: May 21, 2003

### **Section 1002.1; definitions**

Sec. 96. Amend Section 1002.1 as follows: (a) Add the definition of ICC/ANSI A117.1 after the definition of HANDRAIL to read as follows: ICC/ANSI A117.1 means Chapter 11 of this code.

(b) Delete the definition of AREA OF REFUGE. (675 IAC 13-2.4-96) Eff: May 21, 2003

### **Section 1003.3.1.1; size of doors**

Sec. 97. Delete Exception 8 in Section 1003.3.1.1. Size of doors. (675 IAC 13-2.4-97) Eff: May 21, 2003

### **Section 1003.2.2.4; increased occupant load**

Sec. 98. Delete Section 1003.2.2.4 Increased occupant load. (675 IAC 13-2.4-98) Eff: May 21, 2003

### **Section 1003.2.12.2; opening limitations**

Sec. 99. Change the third line of Exception 2 to Section 1003.2.12.2 to read as follows: " systems, fire department access doors required by the Indiana Fire Code (675 IAC 22) that are not a required exit, or equipment, guards shall have". (675 IAC 13-2.4-99) Eff: May 21, 2003

### **Section 1003.2.13.1; general**

Sec. 100. (a) Delete in Section 1003.2.13.1 General, the words "one or more" and substitute the words "at least one".

(b) Change in Section 1003.2.13.1, item 1 "Section 1104" to read "Chapter 11". (675 IAC 13-2.4-100) Eff: May 21, 2003

### **Section 1003.2.13.5; areas of refuge**

Sec. 100.2. Delete Sections 1003.2.13.5, 1003.2.13.5.1, 1003.2.13.5.2, 1003.2.13.5.3, 1003.2.13.5.4, and 1003.2.13.5.5 without substitution. (675 IAC 13-2.4-100.2)

### **Section 1003.3.1.2; doors**

Sec. 101. Change the second paragraph of Section 1003.3.1.2 to read as follows: Doors shall swing in the direction of egress travel where the area served has an occupant load of 50 or more or is a high-hazard occupancy. (675 IAC 13-2.4-101) Eff: May 21, 2003

### **Section 1003.3.1.4; floor elevation**

Sec. 102. Change in Section 1003.3.1.4 Floor elevation, Exception 4 to read as follows: 4. Exterior decks, patios, or balconies that are part of a dwelling unit regulated under part 2 of Chapter 11 and have impervious surfaces, and that are not more than 4 inches (102 mm) below the finished floor level of the adjacent interior space of the dwelling unit. (675 IAC 13-2.4-102) Eff: May 21, 2003

### **Section 1003.3.1.7; door arrangement**

Sec. 103. Change in Section 1003.3.1.7 Door arrangement, Exception 3 to read as follows: 3. Doors within individual dwelling units in Groups R-2 and R-3 as applicable in Section 101.2. (675 IAC 13-2.4-103) Eff: May 21, 2003

### **Section 1003.3.1.8; locks and latches**

Sec. 104. Change Section 1003.3.1.8 Locks and latches as follows:

(1) Delete Exception 2. 3.

(2) Add Exception 5 to read as follows: 5. Licensed Health Care Facilities that comply with IC 22-11-17-2.5.

(675 IAC 13-2.4-104) Eff: May 21, 2003

### **Section 1003.3.1.8.2; delayed egress locks**

Sec. 105. Delete in Section 1003.3.1.8.2 Delayed egress locks, the Exception to item 4. (675 IAC 13-2.4-105) Eff: May 21, 2003

### **Section 1003.3.3.3; stair treads and risers**

Sec. 106. Change Section 1003.3.3.3 Stair treads and risers as follows:

(1) Delete Exception 5 and substitute to read as follows: 5. Within dwelling units in occupancies in Group R-3, as applicable in Section 101.2, and within dwelling units in occupancies in Group R-2, as applicable in Section 101.2, the maximum riser height shall be 8 1/4 inches (210 mm), the minimum

tread depth shall be 9 inches (229 mm). A nosing not less than 0.75 inch (19.1 mm) but not more than 1.25 inches (32 mm) shall be provided on stairways with solid risers where the tread is less than 11 inches. In occupancies in Group U, which are accessory to an occupancy in Group R-3, as applicable in Section 101.2, the maximum riser height shall be 7.75 inches (197 mm) and the minimum tread depth shall be 10 inches (254 mm) and the nosing requirements shall remain the same as above.

(2) Delete Exception 6 and substitute to read: See the General Administrative Rules (675 IAC 12).

(675 IAC 13-2.4-106) Eff: May 21, 2003

### **Section 1003.3.3.11.3; Group R-2 dwellings**

Sec. 107. Add an Exception to the end of Section 1003.3.3.11.3 to read as follows: Exception: Within Group R-2 dwelling units, the handgrip portion of handrails shall have a circular cross section of 1 1/4 inches (32 mm) minimum to 2 7/8 inches (73 mm) maximum. Other handrail shapes that provide equivalent grasping surface are permissible. Edges shall have a minimum radius of 1/8 inch (3.2 mm). (675 IAC 13-2.4-107) Eff: May 21, 2003 May 21, 2003

### **Section 1008.10; seat stability**

Sec. 108. Delete in Section 1008.10 Seat stability, the last sentence of Exception 4. (675 IAC 13-2.4-108) Eff: May 21, 2003 May 21, 2003

### **Section 1009.6; exterior rescue access**

Sec. 109. Add Section 1009.6 Exterior rescue access to the end of Section 1009 to read as follows:

1009.6 Exterior Rescue Access. Exterior access for fire department use in performing rescue operations when emergency escape and rescue openings are required shall comply with Sections 1009.6.1 and 1009.6.2.

1009.6.1 The exterior grade adjacent to emergency escape and rescue openings shall not have a slope of more than 2 inches in 12 inches. The grade requirement shall extend from the structure to a point which will allow the placement of a fire department ground ladder to the sill of the emergency escape and rescue opening when such ladder is placed at a 75 degree angle maximum from the horizontal plane. In no circumstances shall the required grade extend less than forty-four (44) inches from the structure.

1009.6.2 No obstructions such as wire, trees, shrubs,

signs, cornices, overhangs, awnings, canopies, parking or other features shall be permitted.

Exception: Canopies and similar types of building features may be used as a portion of the rescue access system, if the slope of the canopy or similar types of building features does not exceed 2 inches in 12 inches, and access as required in Section 1009.6.1 is provided from the ground to the top edge of the canopy.

(675 IAC 13-2.4-109) Eff: May 21, 2003 May 21, 2003

**Chapter 11; accessibility**

**CHAPTER 11 HAS BEEN PRINTED  
UNDER SEPARATE COVER.** *(675 IAC 13-2.4-110)*  
Eff: May 21, 2003 May 21, 2003

### **Section 1201.1; scope**

Sec. 111. Delete Section 1201.1 Scope and substitute to read as follows: The provisions of this chapter shall govern ventilation, temperature control, lighting, yards and courts, room dimensions and surrounding materials associated with the interior spaces of buildings. (675 IAC 13-2.4-111) Eff: May 21, 2003

### **Section 1202.3.2; ventilation openings**

Sec. 112. Change Section 1202.3.2 Exception as follows:

- (1) Change Exception 1 to read as follows:  
Ventilation openings to the outdoors are not required if ventilation openings to the interior are provided.
- (2) Delete Exception 5.

(675 IAC 13-2.4-112) Eff: May 21, 2003

### **Section 1203.1; equipment systems**

Sec. 113. Change the first paragraph of Section 1203.1 Equipment and systems to read as follows: Interior spaces intended for human occupancy shall be provided with active or passive space-heating systems capable of maintaining a minimum indoor temperature of 68° F (20° C) at a point 3 feet (914 mm) above the floor on the design heating day, based on the exterior design condition as stated in the Indiana Energy Conservation Code (675 IAC 19). Exception: Interior spaces where the primary purpose is not associated with human comfort. (675 IAC 13-2.4-113) Eff: May 21, 2003

### **Section 1206; sound transmission**

Sec. 114. Delete Section 1206 Sound transmission. (675 IAC 13-2.4-114) Eff: May 21, 2003

### **Section 1207.2; minimum ceiling heights**

Sec. 115. Delete Exceptions 1 and 2 in Section 1207.2 Minimum ceiling heights. (675 IAC 13-2.4-115) Eff: May 21, 2003

### **Section 1208.1; crawl spaces**

Sec. 116. Change Section 1208.1 Crawl spaces to read as follows: Crawl spaces shall be provided with a minimum of one access opening not

less than 16 inches by 30 inches (406 mm by 762 mm). (675 IAC 13-2.4-116) Eff: May 21, 2003

### **Section 1208.2; attic spaces**

Sec. 117. Change Section 1208.2 Attic spaces to read as follows: An opening not less than 20 inches by 40 inches (508 mm by 1,016 mm) shall be provided to any attic area having a clear height of over 30 inches (762 mm). A 30-inch (762 mm) minimum clear headroom in the attic space shall be provided at or above the access opening. When the access opening penetrates fire-resistive construction, the access opening closure shall provide the fire-resistive construction as required for the fire-resistive construction that is penetrated for the opening, and may be manufactured or field assembled, and shall be tight fitting. (675 IAC 13-2.4-117) Eff: May 21, 2003

**Table 1505.1; minimum roof covering  
classification  
for types of construction**

Sec. 118. Delete in TABLE 1505.1  
MINIMUM ROOF COVERING CLASSIFICATION  
FOR TYPES OF CONSTRUCTION, Footnote a.  
(675 IAC 13-2.4-118) Eff: May 21, 2003

**Section 1510.1; general**

Sec. 119. Delete the second sentence of  
Section 1510.1 General and substitute as follows: For  
roof repairs see local ordinance. (675 IAC 13-2.4-  
119) Eff: May 21, 2003



### **Section 1603; construction documents**

Sec. 120. Delete Section 1603 Construction documents and substitute as follows: See the General Administrative Rules (675 IAC 12-6), Industrialized Building Systems (675 IAC 15) and local ordinance. (675 IAC 13-2.4-120) Eff: May 21, 2003

### **Section 1604.6; in-situ load tests**

Sec. 121. Delete the last sentence of Section 1604.6 In-situ load tests. (675 IAC 13-2.4-121) Eff: May 21, 2003

### **Table 1607.1 minimum uniformly distributed live loads and minimum concentrated live loads**

Sec. 122. Change in TABLE 1607.1 MINIMUM UNIFORMLY DISTRIBUTED LIVE LOADS AND MINIMUM CONCENTRATED LIVE LOADS, Footnote g to read as follows: g. Where snow loads occur that are in excess of the design conditions, the structure shall be designed to support the loads due to the increased loads caused by drift buildup or a greater snow design determined by the registered design professional or the owner if a registered design professional is not required by the General Administrative Rules (675 IAC 12-6) or the rules for Industrialized Building Systems (675 IAC 15). See Section 1608. For special-purpose roofs, see Section 1607.11.2.2. (675 IAC 13-2.4-122) Eff: May 21, 2003

### **Section 1607.7.1; handrail guards**

Sec. 123. Delete Exception 1 in Section 1607.7.1 Handrails and guards. (675 IAC 13-2.4-123) Eff: May 21, 2003

### **Section 1608.2; ground snow loads**

Sec. 124. Change Section 1608.2 Ground snow loads to read as follows: The ground snow loads to be used in determining the snow loads for roofs are given in Figure 1608.2. Site-specific case studies shall be made in areas designated CS in Figure 1608.2. Ground snow loads for all sites within the CS areas shall be approved. Ground snow load determination for such sites shall be based on an extreme value statistical analysis of data available in the vicinity of the site using a value with a 2-percent annual probability of being exceeded (50-year mean

recurrence interval). Counties that have more than one ground snow load as given in Figure 1608.2 shall apply the most restrictive ground snow load throughout the entire county. (675 IAC 13-2.4-124) Eff: May 21, 2003

### **Section 1609.1.4; protection of openings**

Sec. 125. Delete Section 1609.1.4 Protection of openings, and TABLE 1609.1.4 WINDBORNE DEBRIS PROTECTION FASTENING SCHEDULE FOR WOOD STRUCTURAL PANELS. (675 IAC 13-2.4-125) Eff: May 21, 2003

### **Section 1611.1; design rain loads**

Sec. 126. Add to the end of Section 1611.1 the following: See the Indiana Plumbing Code (675 IAC 16) for other roof drainage requirements. (675 IAC 13-2.4-126) Eff: May 21, 2003

### **Section 1611.3; control drainage**

Sec. 127. Add a second paragraph to Section 1611.3 Control drainage to read: See the Indiana Plumbing Code (675 IAC 16) for other roof drainage requirements. (675 IAC 13-2.4-127) Eff: May 21, 2003

### **Section 1612; flood loads**

Sec. 128. Delete Section 1612 Flood loads. (675 IAC 13-2.4-128) Eff: May 21, 2003

### **Section 1614.4; quality assurance**

Sec. 129. Delete Section 1614.4 Quality assurance. (675 IAC 13-2.4-129) Eff: May 21, 2003

### **Section 1615.1.3: Table 1615.1.3**

Sec. 130. Change Section 1615.1.3 as follows:

(1) Add an Exception to the end of Section 1615.1.3 to read as follows:

Exception: The maximum values of SDS and SD1 listed in TABLE 1615.1.3.

(2) Add TABLE 1615.1.3 MAXIMUM VALUES FOR SDS AND SD1 to the end of Section 1615.1.3 to read as follows:

TABLE 1615.1.3 - MAXIMUM VALUES FOR SDS AND SD1

Site Class	SDS	SD1
A	0.30	0.12
B	0.38	0.15
C	0.45	0.25
D	0.55	0.32
E	0.75	0.50
F	Note 1	Note 1

Note 1: Site-specific geotechnical investigation and dynamic site response analyses shall be performed to determine appropriate values.

(675 IAC 13-2.4-130) Eff: May 21, 2003

#### **Section 1616.2.2; seismic use Group II**

Sec. 131. Delete in Section 1616.2.2 Seismic use Group II the words "the building official" and substitute "local ordinance". (675 IAC 13-2.4-131) Eff: May 21, 2003

#### **Section 1616.2.3; seismic use Group III**

Sec. 132. Change Section 1616.2.3 Seismic use Group III as follows:

(1) Delete the words ", or as designated by the building official".

(2) Add an Exception to the end of Section 1616.3 to read as follows:

EXCEPTION: The seismic design category need not exceed Seismic Design Category C for buildings and structures in Seismic Use Groups I and II and Seismic Design Category D for Class 1 buildings and structures in Seismic Use Group III.

(675 IAC 13-2.4-132) Eff: May 21, 2003

#### **Section 1618.10.3.2; design review**

Sec. 133. Delete Section 1618.10.3.2 Design review. (675 IAC 13-2.4-133) Eff: May 21, 2003

#### **Section 1621.1.8; quality assurance; special inspection and testing**

Sec. 134. Delete Section 1621.1.8 Quality assurance; special inspection and testing. (675 IAC

13-2.4-134) Eff: May 21, 2003

#### **Section 1621.2.6.1; special access floors**

Sec. 135. Change the last sentence of item 1 of Section 1621.2.6.1 Special access floors to read as follows: Design load capacities comply with approved design standards and/or approved test results. (675 IAC 13-2.4-135) Eff: May 21, 2003

#### **Sec. 136 RESERVED**

#### **Section 1621.2.8; steel storage racks**

Sec. 137. Delete Section 1621.2.8 Steel storage racks and substitute as follows: Steel storage racks that are part of the structural system of a Class 1 structure shall comply with this code. (675 IAC 13-2.4-137) Eff: May 21, 2003

#### **Section 1621.3.8; storage tanks**

Sec. 138. Change Section 1621.3.8 Storage tanks to read as follows: Storage tanks within the scope of Section 101.2 shall be designed to meet the general requirements of Sections 1622.1 and 1622.2 and the specific requirements of Section 1622.4.3. (675 IAC 13-2.4-138) Eff: May 21, 2003

#### **Section 1621.3.10.2; other piping systems**

Sec. 139. Change the first sentence of Section 1621.3.10.2 Other piping systems to read as follows: The following documents shall be used for the seismic design of the respective systems when the

systems are within the scope of Section 101.2. (675 IAC 13-2.4-139) Eff: May 21, 2003

#### **Section 1621.3.10.2.1; support and attachments for other piping**

Sec. 1410 Add the third line of Section 1621.3.10.2.1 Supports and attachments for other piping, between the words "piping" and "shall" the words "that are within the scope of Section 101.2". (675 IAC 13-2.4-140) Eff: May 21, 2003

#### **Section 1621.3.11.1; ASME boilers and pressure vessels**

Sec. 141. Delete Section 1621.3.11.1 ASME Boilers and Pressure Vessels. (675 IAC 13-2.4-141) Eff: May 21, 2003

#### **Section 1621.3.12; mechanical equipment attachments**

Sec. 142. Change the first sentence of Section 1621.3.12 Mechanical equipment attachments and supports to read as follows: Attachments and supports for mechanical equipment that are within the scope of Section 101.2 and not covered in the preceding sections shall be designed to meet the force and displacement requirements of Sections 1621.1.4 and 1621.1.5 and the additional requirements of this section. (675 IAC 13-2.4-142) Eff: May 21, 2003

#### **Section 1621.3.12.1; mechanical equipment**

Sec. 143. Change the first paragraph of Section 1621.3.12.1 Mechanical equipment to read as follows: Mechanical equipment that is within the scope of Section 101.2 having an  $I_p$  greater than 1.0 shall meet the following requirements:

1. For equipment components vulnerable to impact, equipment components constructed of nonductile materials, or in cases where material ductility is reduced (e.g., low temperature applications), seismic impact shall be prevented.
2. The design shall include the effect of loadings imposed on the equipment by attached utility or service lines due to differential motions of points of support from separate structures.

(675 IAC 13-2.4-143) Eff: May 21, 2003

#### **Section 1621.3.12.2; attachments and support for**

#### **mechanical equipment**

Sec. 144. Change the first part of the first sentence up to the colon of Section 1621.3.12.2 Attachments and supports for mechanical equipment to read as follows: Attachments and supports for mechanical equipment that are within the scope of Section 101.2 shall meet the following requirements:. (675 IAC 13-2.4-144) Eff: May 21, 2003

#### **Section 1621.3.13; electrical equipment and support**

Sec. 145. Change the first sentence of Section 1621.3.13 Electrical equipment attachments and support to read as follows: Attachments and supports for electrical equipment that are within the scope of Section 101.2 shall be designed to meet the force and displacement requirements of Sections 1621.1.4 and 1621.1.5 and the additional requirements of this section. (675 IAC 13-2.4-145) Eff: May 21, 2003

#### **Section 1622.1; nonbuilding structures**

Sec. 146. Change the first paragraph of Section 1622.1 Nonbuilding structures to read as follows: The requirements of this section apply to self-supporting structures that are within the scope of Section 101.2 that carry gravity loads that are not defined as buildings, vehicular or railroad bridges, nuclear power generation plants, offshore platforms, or dams. Where the building official has approved the use of specific industry standards for seismic design of nonbuilding structures, those standards shall be applicable within the limitations of the requirements of this section. (675 IAC 13-2.4-146) Eff: May 21, 2003

#### **Section 1622.3.4; steel storage racks**

Sec. 147. Delete Section 1622.3.4 Steel storage racks and substitute as follows: Storage racks that are an integral part of the structural system of a Class 1 structure shall comply with this code. (675 IAC 13-2.4-147) Eff: May 21, 2003

#### **Section 1622.3.4.3; vertical distribution of seismic force**

Sec. 148. Delete Section 1622.3.4.3 Vertical distribution of seismic forces. (675 IAC 13-2.4-148) Eff: May 21, 2003

#### **Section 1622.3.4.4; seismic displacement**

Sec. 149. Delete Section 1622.3.4.4 Seismic displacement. (675 IAC 13-2.4-149) Eff: May 21, 2003

#### **Section 1622.3.6; structural towers for tanks and vessels**

Sec. 150. Change the first sentence of Section 1622.3.6 Structural towers for tanks and vessels to read as follows: The seismic design of structural towers that support tanks and vessels where the tanks or vessels are within the scope of Section 101.2 shall meet the requirements of Section 1622.1.1. (675 IAC 13-2.4-150) Eff: May 21, 2003

#### **Section 1622.4.2; earth-retaining structures**

Sec. 151. Change the title of Section 1622.4.2 Earth-retaining structures to read: Earth-retaining structures that are within the scope of Section 101.2. (675 IAC 13-2.4-151) Eff: May 21, 2003

#### **Section 1622.4.3; tanks and vessels**

Sec. 152. Change the first sentence of Section 1622.4.3 Tanks and vessels to read as follows: This section applies to tanks and vessels storing liquids, gases, and granular solids that are within the scope of Section 101.2. (675 IAC 13-2.4-152) Eff: May 21, 2003

#### **Section 1622.4.4; telecommunication towers**

Sec. 153. Delete Section 1622.4.4 Telecommunication towers. (675 IAC 13-2.4-153) Eff: May 21, 2003

#### **Section 1622.4.5; stacks and chimneys**

Sec. 154. Change the title of Section 1622.4.5 Stacks and chimneys to read as follows: Stacks and chimneys within the scope of Section 101.2. (675 IAC 13-2.4-154) Eff: May 21, 2003

#### **Section 1622.4.6; amusement structures**

Sec. 155. Change the title of Section 1622.4.6 Amusement structures to read as follows: Amusement structures within the scope of Section

101.2. (675 IAC 13-2.4-155) Eff: May 21, 2003

#### **Section 1622.4.7; special hydraulic structures**

Sec. 156. Change the title of Section 1622.4.7 Special hydraulic structures to read as follows: Special hydraulic structures within the scope of Section 101.2. (675 IAC 13-2.4-156) Eff: May 21, 2003

#### **Section 1622.4.8; buried structures**

Sec. 157. Change the title of Section 1622.4.8 Buried Structures to read as follows: Buried structures within the scope of Section 101.2. (675 IAC 13-2.4-157) Eff: May 21, 2003

#### **Section 1622.4.9; inverted pendulum**

Sec. 158. Change the title of Section 1622.4.9 Inverted pendulum to read as follows: Inverted pendulums within the scope of Section 101.2. (675 IAC 13-2.4-158) Eff: May 21, 2003

#### **Section 1623; seismically isolated structures**

Sec. 159. Change the title of Section 1623 Seismically isolated structures to read: Seismically isolated structures within the scope of Section 101.2. (675 IAC 13-2.4-159) Eff: May 21, 2003

#### **Section 1623.5.1.8; inspection and replacement**

Sec. 160. Delete section 1623.5.1.8 Inspection and replacement and substitute to read as follows: Access for inspection and replacement of all components of the isolation system shall be provided. (675 IAC 13-2.4-160) Eff: May 21, 2003

#### **Section 1623.5.1.9; quality control**

Sec. 161. Delete Section 1623.5.1.9 Quality control. (675 IAC 13-2.4-161) Eff: May 21, 2003

#### **Section 1623.5.2.3; nonbuilding structures**

Sec. 162. Change the title of Section 1623.5.2.3 Nonbuilding structures to read as follows: Nonbuilding structures within the scope of Section 101.2. (675 IAC 13-2.4-162) Eff: May 21, 2003

#### **Section 1623.7; design and construction**

Sec. 163. Delete Section 1623.7 Design and construction review and substitute the following: See the General Administrative Rules (675 IAC 12-6). (675 IAC 13-2.4-163) Eff: May 21, 2003

## **Chapter 17; structural test and special inspections**

Sec. 164. Delete Chapter 17 Structural test and special inspections and substitute to read as follows: See the General Administrative Rules (675 IAC 12-6-6(c)(10)(D) and Industrialized Building Systems (675 IAC 15).  
(675 IAC 13-2.4-164) Eff: May 21, 2003

### **Section 1802.1; general**

Sec. 165. Delete the last sentence of Section 1802.1 General. (675 IAC 13-2.4-165) Eff: May 21, 2003

### **Section 1802.6; reports**

Sec. 166. Delete Section 1802.6 Reports and substitute as follows: See the General Administrative Rules (675 IAC 12-6) and the rules for Industrialized Building Systems (675 IAC 15). (675 IAC 13-2.4-166) Eff: May 21, 2003

### **Section 1803.3; site grading**

Sec. 167. Delete the Exception to Section 1803.3 Site grading. (675 IAC 13-2.4-167) Eff: May 21, 2003

### **Section 1803.4; compacted fill material**

Sec. 168. Delete in Section 1803.4 Compacted fill material the last sentence of the Exception. (675 IAC 13-2.4-168) Eff: May 21, 2003

### **Section 1805.3.3; pools**

Sec. 169. Delete in Section 1805.3.3 Pools the words "this code" and substitute the words "the Indiana Swimming Pool Code (675 IAC 20)". (675 IAC 13-2.4-169) Eff: May 21, 2003

### **Section 1805.4.2.6; forming of concrete**

Sec. 170. Delete in Section 1805.4.2.6 Forming of concrete the words "building official" and substitute the words "registered design professional". (675 IAC 13-2.4-170) Eff: May 21, 2003

### **Sec. 171 RESERVED**

### **Section 1807.2.8.3; load test**

Sec. 172. Delete in Section 1807.2.8.3 Load tests the words "building official" and substitute the words "registered design professional". (675 IAC 13-2.4-172) Eff: May 21, 2003

### **Section 1807.2.21; pier or pile location plan**

Sec. 173. Delete Section 1807.2.21 Pier or pile location plan and substitute as follows: See the

General Administrative Rules (675 IAC 12-6) and the rules for Industrialized Building Systems (675 IAC 15). (675 IAC 13-2.4-173) Eff: May 21, 2003

### **Section 1807.2.22; special inspections**

Sec. 174. Delete Section 1807.2.22 Special inspections and substitute: See the General Administrative Rules (675 IAC 12-6-6(c)(10)(D)) and the rules for Industrialized Building Systems (675 IAC 15). (675 IAC 13-2.4-174) Eff: May 21, 2003

### **Section 1807.2.23.1; seismic design Category C**

Sec. 175. Change Section 1807.2.23.1 Seismic design Category C to read as follows: Where a structure is assigned to Seismic Design Category C in accordance with Section 1616, the following shall apply. Individual pile caps, piers or piles shall be interconnected by ties. Ties shall be capable of carrying, in tension and compression, a force equal to the product of the larger pile cap or column load times the seismic coefficient  $S_{DS}$  divided by 10 unless it can be demonstrated that equivalent restraint is provided by reinforced concrete beams within slabs-on-grade or reinforced concrete slabs-on-grade or confinement by competent rock, hard cohesive soils, or very dense granular soils.

Exception 1: Piers supporting foundation walls, isolated interior posts detailed so the pier is not subject to lateral, lightly loaded exterior decks and patios, of Group R, Division 3 and Group U, Division 1 occupancies not exceeding two stories of light-frame construction, are not subject to interconnection if it can be shown the soils are of adequate stiffness, subject to the approval of the building official.

Exception 2: Other methods may be used where it can be demonstrated by a registered design professional that equivalent restraint can be provided when approved by the building official. (675 IAC 13-2.4-175) Eff: May 21, 2003

### **Section 1809.3.2; dimensions**

Sec. 176. Change the Exception to Section 1809.3.2 Dimensions to read as follows: The length of the pile is permitted to exceed 30 times the diameter when approved by the building official. (675 IAC 13-2.4-176) Eff: May 21, 2003

### **Section 1809.4.2; dimensions**

Sec. 177. Change the Exception to Section 1809.4.2 Dimensions to read as follows: The length of the pile is permitted to exceed 30 times the diameter when documented by the registered design professional and approved by the building official. (675 IAC 13-2.4-177) Eff: May 21, 2003

**Section 1811.4; reinforcement**

Sec. 178. Change at the end of the Exception to Section 1811.4 Reinforcement the words "building official" to the words "registered design professional". (675 IAC 13-2.4-178) Eff: May 21, 2003



#### **Section 1901.4; construction documents**

Sec. 179. Delete Section 1901.4 Construction documents and substitute as follows: See the General Administrative Rules (675 IAC 12-6) and the rules for Industrialized Building Systems (675 IAC 15). (675 IAC 13-2.4-179) Eff: May 21, 2003

#### **Section 1903.6; admixtures**

Sec. 180. Change in Section 1903.6 Admixtures the word "approval" to the word "acceptance". (675 IAC 13-2.4-180) Eff: May 21, 2003

#### **Section 1905.6.1; tests**

Sec. 181. Change the title and text of Section 1905.6.1 to read as follows: 1905.6.1 Tests. Concrete shall be tested in accordance with the requirements in Section 1905.6.2 through 1905.6.5. (675 IAC 13-2.4-181) Eff: May 21, 2003

#### **Section 1905.6.4.1; when required**

Sec. 182. Change Section 1905.6.4.1 When required to read as follows: The building official may require that the results of strength tests of cylinders cured under field conditions be provided. (675 IAC 13-2.4-182) Eff: May 21, 2003

#### **Section 1905.7; preparation of equipment and place of deposit**

Sec. 183. Change in item 6 of Section 1905.7 Preparation of equipment and place of deposit the word "permitted" to "approved". (675 IAC 13-2.4-183) Eff: May 21, 2003

#### **Section 1905.6.5.5; strength evaluation**

Sec. 184. Change Section 1905.6.5.5 Strength evaluation to read as follows: If the criteria of Section 1905.6.5.4 are not met and if the structural adequacy remains in doubt, the building official is permitted to order a strength evaluation in accordance with Chapter 20, for the questionable portion of the structure. (675 IAC 13-2.4-184) Eff: May 21, 2003

#### **Section 1905.10.4; retempering**

Sec. 185. Change in Section 1905.10.4 Retempering the word "approved" to the word

"authorized". (675 IAC 13-2.4-185) Eff: May 21, 2003

#### **Section 1906.3; conduits and pipes embedded in concrete**

Sec. 186. Change in Section 1906.3 Conduits and pipes embedded in concrete the words "with approval of" to the words "when authorized by". (675 IAC 13-2.4-186) Eff: May 21, 2003

#### **Section 1907.5.1; support**

Sec. 187. Change in Section 1907.5.1 Support the words "where approved" to the words "when authorized". (675 IAC 13-2.4-187) Eff: May 21, 2003

#### **Section 1910.4.4.1; walls**

Sec. 188. Delete the Exception in Section 1910.4.4.1. (675 IAC 13-2.4-188) Eff: May 21, 2003

#### **Section 1910.4.4.2; footings**

Sec. 189. Change Section 1910.4.4.2 Footings as follows:  
(1) Delete the Exception at the end of the first paragraph.  
(2) Delete Exception 1 of the second paragraph.  
(675 IAC 13-2.4-189) Eff: May 21, 2003

#### **Section 1912.5; increase for special inspections**

Sec. 190. Delete Section 1912.5 Increase for special inspections. (675 IAC 13-2.4-190) Eff: May 21, 2003

#### **Section 1913.8.3; construction documents**

Sec. 191. Delete Section 1913.8.3 Construction documents and substitute as follows: See the General Administrative Rules (675 IAC 12-6) and the rules for Industrialized Building Systems (675 IAC 15). (675 IAC 13-2.4-191) Eff: May 21, 2003

#### **Section 1914.5; preconstruction tests**

Sec. 192. Delete at the beginning of Section 1914.5 Preconstruction tests the words "When required by the building official" and substitute the words "When required by local ordinance". (675 IAC

*13-2.4-192*) Eff: May 21, 2003

**Section 1914.7; joints**

Sec. 193. Delete in Section 1914.7 Joints the word "approved". (*675 IAC 13-2.4-193*) Eff: May 21, 2003

**Section 1916.6; approvals**

Sec. 194. Change the last sentence of Section 1916.6 Approvals to read as follows: Shop-fabricated concrete-filled pipe columns shall be approved by the building official. (*675 IAC 13-2.4-194*) Eff: May 21, 2003

### **Section 2101.3; construction documents**

Sec. 195. Delete Sections 2101.3 Construction documents and 2101.3.1 Fireplace drawings and substitute to read as follows: See the General Administrative Rules (675 IAC 12-6) and the rules for Industrialized Building Systems (675 IAC 15). (675 IAC 13-2.4-195) Eff: May 21, 2003

### **Section 2102; definitions**

Sec. 196. Change in Section 2102 Definitions and notations in the definition of MASONRY the word "accepted" to "approved". (675 IAC 13-2.4-196) Eff: May 21, 2003

### **Section 2104.1.2.3; solid units**

Sec. 197. Change the first sentence of Section 2104.1.2.3 solid units to read as follows: Unless otherwise approved, solid units shall be placed in fully mortared bed and head joints. (675 IAC 13-2.4-197) Eff: May 21, 2003

### **Section 2105.1; general**

Sec. 198. Delete Section 2105.1 General. (675 IAC 13-2.4-198) Eff: May 21, 2003

### **Section 2105.4; mortar testing**

Sec. 199. Change Section 2105.4 Mortar testing to read as follows: Local ordinance may require mortar to be tested in accordance with the property specifications of ASTM C-270 or evaluated in accordance with ASTM C-780. (675 IAC 13-2.4-199) Eff: May 21, 2003

### **Section 2107.2.1; ACI 530/ASCE 5/Tms 402 Chapter 2**

Sec. 200. Delete Section 2107.2.1 ACI 530/ASCE 5/TMS 402 Chapter 2. (675 IAC 13-2.4-200) Eff: May 21, 2003

### **Section 2108.2; quality assurance provisions**

Sec. 201. Delete Section 2108.2 Quality assurance provisions. (675 IAC 13-2.4-201) Eff: May 21, 2003

**Section 2208.1; welding**

Sec. 202. Delete the last sentence of Section 2208.1 Welding. (675 IAC 13-2.4-202) Eff: May 21, 2003

**Section 2209; general**

Sec. 203. Delete the last sentence of Section 2209.1 General. (675 IAC 13-2.4-203) Eff: May 21, 2003

**Section 2210; steel storage racks**

Sec. 204. Delete Section 2210 Steel storage racks and substitute as follows: Where steel storage racks are part of the structural system of a Class 1 structure the storage racks shall comply with this code. (675 IAC 13-2.4-204) Eff: May 21, 2003

### **Section 2303.1.1; lumber**

Sec. 205. Delete in the first sentence of Section 2303.1.1 Lumber the words "by an accreditation body that complies with DOC PS20 or equivalent". (675 IAC 13-2.4-205) Eff: May 21, 2003

### **Section 2303.1.8.1; identification**

Sec. 206. Change Section 2303.1.8.1 Identification to read as follows: Wood required by Section 2304.11 to be preservative-treated shall bear the quality mark of an inspection agency that maintains continuing supervision, testing and inspection over the quality of the preservative-treated wood and shall be approved by the building official. The quality mark shall be on a stamp or label affixed to the preservative-treated wood. The quality mark shall include the following:

1. Identification of treating manufacturer.
2. Type of preservative used.
3. Minimum preservative retention (pef).
4. End use for which the product is treated.
5. AWP standard to which the product was treated.
6. Identity of the accredited inspection agency.

(675 IAC 13-2.4-206) Eff: May 21, 2003

### **Section 2303.2.1; labeling**

Sec. 207. Change Section 2303.2.1 Labeling to read as follows: Fire-retardant-treated lumber and wood structural panels shall bear the identification mark of an approved agency. Such identification marks shall indicate conformance with appropriate standards in accordance with Sections 2303.2.2 through 2303.2.5. (675 IAC 13-2.4-207) Eff: May 21, 2003

### **Section 2303.4; trusses**

Sec. 208. In Section 2303.4, delete all the text after the first sentence. (675 IAC 13-2.4-208) Eff: May 21, 2003

### **Section 2303.4.1; truss design drawings**

Sec. 209. Delete 2303.4.1 Truss design drawings and substitute as follows: See the General Administrative Rules (675 IAC 12-6) and Industrialized Building Systems (675 IAC 15). (675 IAC 13-2.4-209) Eff: May 21, 2003

### **Section 2303.5; test standard for joist hangers and connectors**

Sec. 210. Delete Section 2303.5 Test standard for joist hangers and connectors and substitute as follows: Joist hangers and connectors shall be approved. (675 IAC 13-2.4-210) Eff: May 21, 2003

### **Section 2304.9.3; joist hangers and framing anchors**

Sec. 211. Delete the last sentence of Section 2304.9.3 Joist hangers and framing anchors. (675 IAC 13-2.4-211) Eff: May 21, 2003

### **Section 2304.11.2; wood used above ground**

Sec. 212. Change the last line of Section 2304.11.2 Wood used above ground to read as follows: Standards for above ground use as referenced in Chapter 35. (675 IAC 13-2.4-212) Eff: May 21, 2003

### **Section 2304.11.5; supporting member for permanent appurtenances**

Sec. 213. Delete the Exception to Section 2304.11.5 Supporting member for permanent appurtenances. (675 IAC 13-2.4-213) Eff: May 21, 2003

### **Section 2308.1; general**

Sec. 214. Change the second sentence of Section 2308.1 General to read as follows: Other methods are permitted to be used where the design has been approved and the design shows compliance with other provisions of this code. (675 IAC 13-2.4-214) Eff: May 21, 2003

### **Sections 2308.11.1 and 2308.12.1; numbers of stories**

Sec. 215. Delete the Exception to Sections 2308.11.1 and 2308.12.1. (675 IAC 13-2.4-215) Eff: May 21, 2003

**Section 2403.1; safety glazing**

Sec. 216. Change the first paragraph of Section 2403.1 to read as follows: Each pane shall bear the manufacturer's label designating the type and thickness of the glass or glazing material. The identification shall not be omitted unless approved and an affidavit is furnished by the glazing contractor certifying that each light is glazed in accordance with the provisions of this chapter. Safety glazing shall be identified in accordance with Section 2406.1.1. (675 IAC 13-2.4-216) Eff: May 21, 2003

**Section 2603.4.1.9; garage doors**

Sec. 217. Delete the Exception to Section 2603.4.1.9. (675 IAC 13-2.4-217) Eff: May 21, 2003

**Section 2606.3; identification**

Sec. 218. Change in Section 2606.3 Identification, the words "satisfactory to" to the words "approved by". (675 IAC 13-2.4-218) Eff: May 21, 2003

**Section 2606.5; structural requirements**

Sec. 219. Delete Section 2606.5 Structural requirements, and substitute to read as follows: Light-transmitting plastic materials in their assembly shall be of adequate strength and durability to withstand the loads indicated in Chapter 16 and shall be approved by the building official. (675 IAC 13-2.4-219) Eff: May 21, 2003

**Chapter 27; electrical**

Sec. 220. Delete Chapter 27 Electrical, and substitute to read as follows: See the Indiana Electrical Code (675 IAC 17). *(675 IAC 13-2.4-220)*  
Eff: May 21, 2003



## **Chapter 28; mechanical systems**

Sec. 221. Delete Chapter 28 Mechanical systems, and substitute to read as follows: See the Indiana Mechanical Code (675 IAC 18) and the Indiana Fuel Gas Code (675 IAC 25). *(675 IAC 13-2.4-221)* Eff: May 21, 2003

## Chapter 29; plumbing systems

Sec. 222. Delete the text of Chapter 29 and substitute as follows:

### SECTION 2901. PLUMBING FIXTURES

Plumbing systems shall comply with the Indiana Plumbing Code. (675 IAC 16).

SECTION 2902. Minimum number of fixtures. Plumbing fixtures shall be provided for the type of occupancy and in the minimum number shown in TABLE No. 29. Types of occupancies not shown in TABLE No. 29 shall be considered as the most similar listed occupancy.

The number of occupants of a building, for the purposed of Chapter 29, shall be one of the following:

1. The actual or anticipated number of occupants; or
2. The square feet of usable (net) floor space divided by the occupant load factor found in Table 10-A.

SECTION 2903. Where plumbing fixtures are required separate facilities shall be provided for each sex.

#### EXCEPTIONS:

1. Separate facilities shall not be required in residential occupancies.
2. Separate employee facilities shall not be required in occupancies in which fifteen (15) or less people are employed.
3. Separate facilities shall not be required in structures or tenant space with a total occupant load, including both employees and customers, of fifteen (15) or less in which food or beverage is served for consumption within the structure or tenant space.

SECTION 2904. Number of occupants of each sex: The required water closets, lavatories, and showers or bathtubs shall be distributed equally, except where specified in TABLE No. 29, between the sexes based on the percentage load of each sex anticipated in the occupant load. The occupant load shall be composed of fifty percent (50%) of each sex unless statistical data indicates a different distribution of the sexes.

SECTION 2905. Location of employee toilet facilities in occupancies other than use Group A

or M occupancies: Access to toilet facilities in occupancies other than use Group A or M occupancies shall be from within the employee's regular working area. The required toilet facilities shall not exceed a distance of five hundred (500) feet (one hundred fifty-two (152) meters). Employee facilities shall be either separate facilities or public facilities.

EXCEPTION: Facilities that are required for employees in storage structures or kiosks, and which are located in adjacent structures under the same ownership, lease, or control, shall be a maximum travel distance of five hundred (500) feet (one hundred fifty-two (152) meters) from the employees' regular working area.

1. Location of employee toilet facilities in buildings of use Groups A and M occupancies: Employees shall be provided with toilet facilities in buildings and tenant spaces utilized as restaurants, nightclubs, places of public assembly, and retail sales occupancies. The employee facilities shall be either separate facilities or public facilities.

EXCEPTION: Employee toilet facilities shall not be required in tenant spaces of nine hundred (900) square feet (eighty-four (84) meters squared) or less where the travel distance from the main entrance of the tenant space to a central toilet area does not exceed five hundred (500) feet (one hundred fifty-two (152) meters) and such central toilet facilities are located not more than one (1) story above or below the tenant space.

SECTION 2906. Public facilities: The public shall be provided with toilet facilities in structures and tenant spaces utilized as restaurants, nightclubs, places of assembly, and retail sales occupancies. Public toilet facilities shall be located not more than one (1) story above or below the space required to be provided with public toilet facilities and the path of travel to such facilities shall not exceed a distance of five hundred (500) feet (one hundred fifty-two (152) meters). In covered mall buildings, required facilities shall be based on total square footage, and facilities shall be installed in each individual store or in a central toilet area located in accordance with this section. The maximum travel distance to the central toilet facilities in covered mall buildings shall be measured from the main entrance of any store or tenant space.

EXCEPTION: Public facilities are not required in structures or tenant spaces with an occupant load of less than one hundred fifty (150) and which do not serve food or beverages to be consumed within the structure or tenant space.

SECTION 2907. Access for cleaning:

Plumbing fixtures shall be installed so as to afford access for cleaning both the fixture and area around the fixture. Unless conditions such as freezing or structural impairment restricts, all pipes from fixtures shall be routed to the nearest wall.

SECTION 2908. Convenience and function:

Fixtures shall be set level and in alignment with reference to adjacent walls.

1. Water closets, lavatories and bidets: A water closet, lavatory, or bidet shall not be set closer than fifteen (15) inches (three hundred eighty-one (381) millimeters) from its center to any side wall, partition, vanity, or other obstruction, nor closer than thirty (30) inches (four hundred sixty two (462) millimeters) clearance in front of the water closet or bidet to any wall, fixture, or door. Water closet compartments shall not be less than thirty (30) inches (seven hundred sixty-two (762) millimeters) wide and sixty (60) inches (one thousand five hundred twenty-four (1,524) millimeters) deep. There shall be at least eighteen (18) inches (four hundred fifty-seven (457) millimeters) clearance in front of a lavatory to any wall, fixture or door. See Figure 29.

2. Urinals: A urinal shall not be set closer than fifteen (15) inches (three hundred eighty-one (381) millimeters) from the center of the urinal to any side wall, partition, vanity or other obstruction, nor closer than thirty (30) inches (seven hundred sixty-two (762) millimeters) center-to-center between urinals.

SECTION 2909. Drinking Fountains. Where required by TABLE No. 29, drinking fountains shall be installed.

EXCEPTIONS:

1. Where water is served in restaurants or where bottled water coolers are provided in other occupancies, drinking fountains shall not be required.
2. Drinking fountains shall not be installed in public rest rooms or nonprivate

bathrooms.

SECTION 2910. Substitution of urinals for water closets. In each bathroom or toilet room, urinals shall not be substituted for more than fifty percent (50%) of the required water closets.

SECTION 2911. Access: Where access by persons with a disability is required by Chapter 11, accessible toilet and other facilities shall be provided as specified in that chapter.

SECTION 2912. Unisex bathing and toilet rooms.

2912.1 General. Unisex bathing and toilet rooms shall comply with this section and Chapter 11.

In Groups A and M Occupancies, an accessible unisex toilet room shall be provided where an aggregate of six (6) or more male and female water closets are required. In buildings of mixed occupancy, only those water closets required for the Group A or M Occupancy shall be used to determine the unisex toilet room requirement.

2912.2 Location. Unisex toilet and bathing rooms shall be located on an accessible route. Unisex toilet rooms shall be located not more than one (1) story above or below separate-sex toilet facilities. The accessible route from any separate-sex toilet room to a unisex toilet room shall not exceed five hundred (500) feet (one hundred fifty-two thousand four hundred (152,400) millimeters).

Additionally, in passenger transportation facilities and airports, the accessible route from separate-sex toilet facilities to a unisex toilet room shall not pass through security checkpoints.

2912.3 Clear floor space. Where doors swing into a unisex toilet or bathing room, a clear floor space not less than thirty (30) inches by forty-eight (48) inches (seven hundred sixty-two (762) millimeters by one thousand two hundred nineteen (1,219) millimeters) shall be provided within the room, beyond the area of the door swing.

2912.4 Required fixtures.

2912.4.1 Unisex toilet rooms. Unisex toilet rooms shall include only one (1) water closet and only one (1) lavatory. Where a bathing facility is provided

within a unisex toilet room, only one (1) shower shall be provided.

EXCEPTION: A separate-sex toilet room containing not more than two (2) water closets without urinals, or containing only one (1) water closet and one (1) urinal, may be considered a unisex toilet room.

2912.4.2 Unisex bathing rooms. Unisex bathing rooms shall include one (1) shower fixture. Unisex bathing rooms shall also include one (1) water closet and one (1) lavatory. Where storage facilities are provided for separate-sex bathing facilities, accessible storage facilities shall be provided for unisex bathing rooms.

<p align="center"><b>TABLE NO. 29</b>  <b>MINIMUM NUMBER OF PLUMBING FACILITIES</b>  <b>Fixtures</b>  <b>Number of fixtures per number of occupants</b></p>							
<b>Building Occupancy</b>		<b>Water Closets</b>		<b>Lavatories</b>	<b>Bathtubs/ showers</b>	<b>Drinking Fountains</b>	<b>Service Sink</b>
		<b>Males</b>	<b>Females</b>				
<b>A</b>	<b>Theaters</b>	1 per 125	1 per 65	1 per 200	--	1 per 1,000	1
	<b>Night Clubs</b>	1 per 40	1 per 40	1 per 75	--	1 per 500	1
	<b>Restaurants</b>	1 per 75	1 per 75	1 per 200	--	1 per 500	1
	<b>Halls, museums, etc.</b>	1 per 125	1 per 65	1 per 200	--	1 per 1,000	1
	<b>Coliseums, arenas</b>	1 per 75	1 per 40	1 per 150	--	1 per 1,000	1
	<b>Churches(b)</b>	1 per 150	1 per 75	1 per 200	--	1 per 1,000	1
	<b>Stadiums, pools, etc.</b>	1 per 100	1 per 50	1 per 150	--	1 per 1,000	1
<b>B</b>	<b>Business</b>	1 per 25		1 per 40	--	1 per 100	1
<b>M</b>	<b>Retail Sales</b>	1 per 500		1 per 750	--	1 per 1,000	1
<b>F</b>	<b>Factory and industrial</b>	1 per 100		1 per 100	emergency showers and eyewash	1 per 400	1
<b>S</b>	<b>Storage</b>	1 per 100		1 per 100	emergency showers and eyewash	1 per 1,000	1
<b>E</b>	<b>Educational</b>	1 per 50		1 per 50	--	1 per 100	1
<b>H</b>	<b>Hazardous</b>	1 per 100		1 per 100	emergency showers and eyewash	1 per 1,000	1
<b>I</b>	<b>Hospitals(c)</b>	1 per room (f)		1 per room (f)	1 per 15	1 per 100	1 per floor
	<b>I-1 Nurseries, day care centers, sanitariums, and nursing homes with nonambulatory patients (c)</b>	1 per 15		1 per 15	1 per 15 (g)	1 per 100	1
	<b>I-2 Nursing homes for ambulatory patients (c)</b>	1 per room (f)		1 per room (f)	1 per 15	1 per 100	1 per floor
	<b>I-3 Mental hospitals, mental sanitariums, etc.</b>	1 per 15		1 per 15	1 per 15	1 per 100	1
	<b>I-3 Jails/reformatories cells</b>	1 per cell		1 per cell	1 per 8	--	--

	I-3 Dormitory or other institutional rooms with 24 hour access to sanitary facilities	1 per 12    1 per 8	1 per 12	1 per 8	--	--
	I-3 Exercise rooms	1 per room	1 per room	--	--	--
	I-3 Employees (c)	1 per 25	1 per 25	--	1 per 100	--
	I-3 Visitors	1 per 75	1 per 100	--	1 per 500	--
R	Lodges, dormitories, and bed and breakfast facilities	1 per 10	1 per 8	1 per 10	1 per 100	1
	Hotels and motels	1 per guest room	1 per guest room	1 per guest room	--	1
	Multiple family housing (d)	1 per dwelling unit	1 per dwelling unit	1 per dwelling unit	--	1 kitchen sink per dwelling unit

**Note (a)** The fixtures shown are based on one (1) fixture being the minimum required for the number of persons indicated or any fraction of the number of persons indicated.

**Note (b)** Fixtures located in adjacent buildings under the ownership or control of the church may be made available during periods the church is occupied.

**Note (c)** Toilet facilities for employees shall be separate from the facilities for inmates or patients.

**Note (d)** One (1) automatic clothes washer connection shall be required per twenty (20) dwelling units.

**Note (e)** One (1) automatic clothes washer connection shall be required per dwelling unit.

**Note (f)** A single-occupant toilet room and one (1) water closet and one (1) lavatory servicing not more than two (2) adjacent patients rooms shall be permitted where such room is provided with direct access from each patient room and with provisions for privacy.

**Note (g)** For nurseries, a maximum of one (1) bathtub shall be required.

(675 IAC 13-2.4-222) Eff: May 21, 2003

### **Section 3001.2; referenced standards**

Sec. 223. Change Section 3001.2  
Referenced standards to read as follows: Except as otherwise provided for in this code, the design, construction, installation and alteration of elevators and conveying systems that are part of a Class 1 structure shall conform to the Indiana Elevator Safety Code (675 IAC 21). (675 IAC 13-2.4-223) Eff: May 21, 2003

### **Section 3001.3; accessibility**

Sec. 224. Change Section 3001.3  
Accessibility to read as follows: See Chapter 11 for the requirements for accessible elevators. (675 IAC 13-2.4-224) Eff: May 21, 2003

### **Section 3001.4; change in use**

Sec. 225. Change Section 3001.4 Change in use to read as follows: See the Indiana Elevator Safety Code (675 IAC 21) for any change of use of an elevator. (675 IAC 13-2.4-225) Eff: May 21, 2003

### **Section 3002.4.1**

Sec. 226. Add Section 3002.4.1 after Section 3002.4 to read as follows: 3002.4.1 Elevator cars to accommodate an ambulance stretcher in buildings three stories or less in height. In buildings of I-1, I-2, I-3, and R-4 occupancies that are three stories or less in height, where an elevator is installed, such elevator shall be installed in accordance with the provisions in Section 3002.4. (675 IAC 13-2.4-226) Eff: May 21, 2003

### **Section 3005.3; conveyors**

Sec. 227. Change Section 3005.3 Conveyors to read as follows: Conveyors and conveying systems that are within the scope of Section 101.2 shall comply with ASME B20.1 and Sections 3003.1 and 3005.3.2. (675 IAC 13-2.4-227) Eff: May 21, 2003

**Section 3103.1.1; permit required**

Sec. 228. Delete Section 3103.1.1 Permit required and Section 3103.2 Construction documents and substitute as follows: See the General Administrative Rules (675 IAC 12-6) and local ordinance. (675 IAC 13-2.4-228) Eff: May 21, 2003

**Section 3107.1; general**

Sec. 229. Delete Section 3107.1 General. (675 IAC 13-2.4-229) Eff: May 21, 2003

**Section 3109; swimming pool enclosure**

Sec. 230. Delete Section 3109 Swimming pool enclosures and substitute as follows: See the Indiana Swimming Pool Code (675 IAC 20). (675 IAC 13-2.4-230) Eff: May 21, 2003



**Chapter 32; encroachments into the public right-of-way**

Sec. 231. Delete Chapter 32 Encroachments into the public right-of-way and substitute as follows:  
See local ordinance. (675 IAC 13-2.4-231) Eff: May 21, 2003

### **Chapter 33; safeguards during construction**

Sec. 232. Delete Chapter 33 Safeguards during construction. (675 IAC 13-2.4-232) Eff: May 21, 2003

**Chapter 34; existing structures**

Sec. 233 Delete Chapter 34 Existing structures and substitute as follows: See the General Administrative Rules (675 IAC 12) and local ordinance. (675 IAC 13-2.4-233) Eff: May 21, 2003

## **Chapter 35; referenced standards**

Sec. 234. Amend Chapter 35 as follows: (a)  
Change Section 102.8 to Section 101.3.

(b) Delete the following referenced standards:

1. ASCE 24-98
2. ASME A17.1-96
3. ASME A90.1-97
4. ICC A117.1-98
5. NFPA 11-98
6. NFPA 12 -93
7. NFPA 13-96
8. NFPA 13R -96
9. NFPA 14-99
10. NFPA 17-98
11. NFPA 17A-98
12. NFPA 2001-96

(675 IAC 13-2.4-234) Eff: May 21, 2003

## **APPENDICES**

Sec. 235. Make the following changes:

- (1) Delete Appendix A Employee Qualifications.
- (2) Delete Appendix B Board of Appeals.
- (3) Delete Appendix C Group U Agricultural Buildings.
- (4) Delete Appendix D Fire Districts.
- (5) Delete Appendix E Supplementary Accessibility Requirements.
- (6) Delete Appendix F Rodent Proofing.
- (7) Delete Appendix G Flood Resistant Construction.
- (8) Delete Appendix H Signs.
- (9) Delete Appendix I.
- (10) Delete Appendix J Supplementary Accessibility Requirements for Qualified Historic Buildings and Facilities.

(675 IAC 13-2.4-235) Eff: May 21, 2003